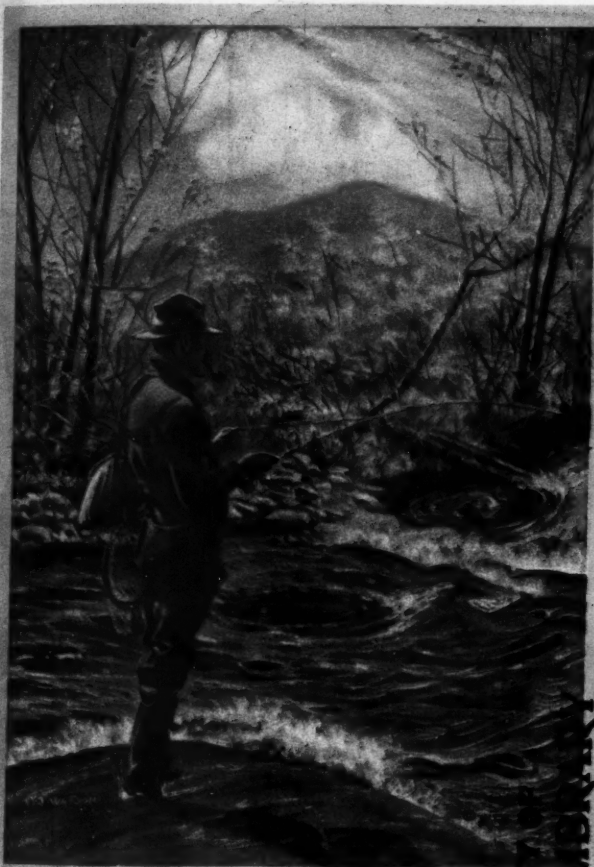


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AUG 3 1923

# ORAL HYGIENE

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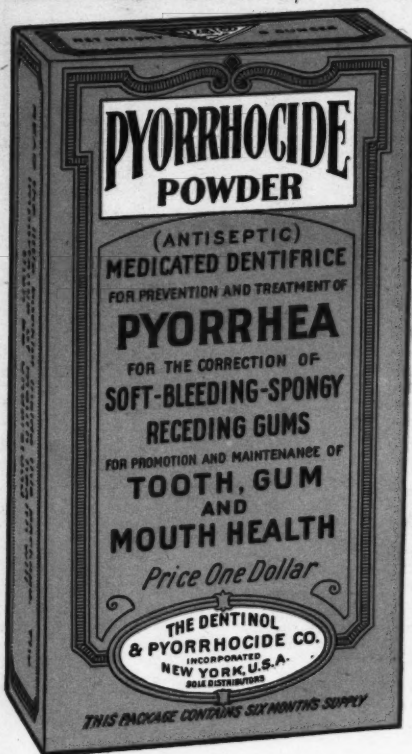


**AUGUST 1923**

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Toledo, Ohio, U. S. A.

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**PYORRHOCIDE  
POWDER**  
(Antiseptic)

Tooth protection reaches a high level when the tissues which hold the teeth in place are conserved.

Pyorrhocide Powder is just as effective as an aid in correcting oral disease as it is in maintaining oral health. It keeps the gums hard. It keeps the teeth white and clean.

The efficiency of this product in repairing soft, bleeding, spongy gums is due, in part, to its Dentinol content (3%).

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***Prescribe Pyorrhocide Powder—Compare Results***

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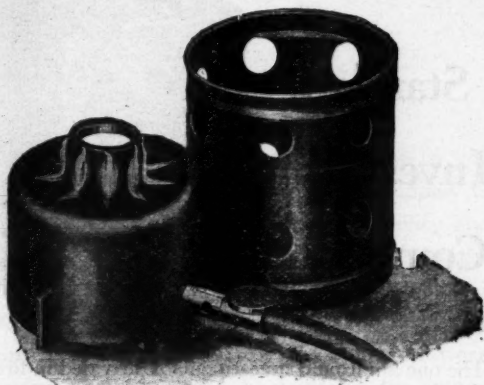
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¶ If a first class laboratory man came to you and said, "I will place myself in your employ to do all your work to the best of my ability and skill and charge you for the time devoted to the job and results, *only*" wouldn't you take him? Just think! You would not be obliged to pay him for the hours he wasn't busy nor for work spoiled nor would you be bothered by having him around your office. Wouldn't that be fine?

¶ Here's our offer to you. We can place such a man at your disposal to do your *hard pieces*, and you pay him for results *only*. He will not be in your way, nor muss up your laboratory, because he will do the work *in our* laboratory.

¶ Our laboratory work is good. We know it is good because our patrons take the time to tell us how well pleased they are.

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A boon for the dentist in isolated communities, remote from the specialist and the research laboratory.

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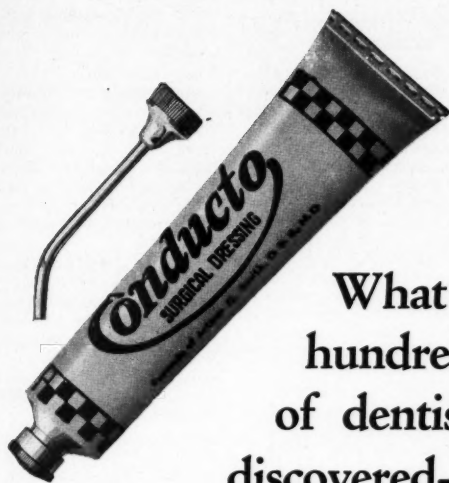
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What  
hundreds  
of dentists  
discovered—

*You are invited to make the same  
discovery*

"I haven't felt a twinge of pain, Doctor!" is the substance of what the patients of hundreds of dentists have reported to them, following the use of an unique new surgical dressing.

These dentists, at our request, used Conducto Surgical Dressing for several months, then returning a questionnaire bearing on the results they secured. In mailing us the questionnaire, *many dentists ordered a supply of the Dressing.*

**We asked them to find  
fault with it**

It has become a necessity: for they discovered it to possess qualities of which they had hitherto been deprived. We asked these gentlemen to find fault with Conducto Surgical Dressing.

Some few did but hundreds of them reported enthusiastically.

You are invited to make the same discovery they made.

(over)

## What made them enthusiastic

They found that Conducto Surgical Dressing controls post-operative pain. The formula contains anesthesin, chlorotone, menthol, thymol-iodide, guaiacol and oil of wintergreen. These medications are incorporated in a *slowly absorbable* vehicle, melting above body temperature and stimulating tissue repair. When placed in contact with soft tissues, alveolar process or bone, the vehicle is *slowly absorbed*, producing the *prolonged* effect of the combined drugs.

They found that it lessens and often prevents post-operative hemorrhage and infection: through combination with the imperfect blood clot frequently formed, hemorrhage is lessened or averted and infection combated.

They found it vastly superior to gauge pack in nearly all types of cases, since the Dressing exerts no pressure and is absorbed rather than removed.

They found that, since its absorption occupies a 48-hour period, the analgesic and therapeutic effect is not only prolonged, but ingress of debris, oral fluids, etc., is prevented.

They found that the application of Conducto Surgical Dressing, anesthetizes gingival tissues, thereby allevi-

ating pain during instrumentation for treatment of pyorrhea.

They found that, where pain occurs due to exposure of sensory nerves in a denuded alveolar socket, or traumatized bone or tissue, application of Conducto Surgical Dressing affords the patient relief almost at once, the analgesic effect continuing for hours.

Conducto Surgical Dressing is the result of some seven years experimentation by Dr. Arthur E. Smith, followed by nearly two years research in our own laboratories—*then* followed by the several months' clinical test referred to above.

Aren't you anxious to experience the results that delighted the men who made the test?

## Conducto Surgical Dressing

Will render to the fullest extent the service for which it is intended.

## Use it at our expense

Your dealer is authorized to give full credit if you are not fully satisfied.

Our confidence in this new product based upon hundreds of clinical tests prompts us to offer this unusual proposition.

Ask your dealer to send you a tube now.

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# Suppose you received these letters?

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In thirty-two States,

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All wrote

To tell us

How pleased they were

With results

From Dresch Attachments.

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Wouldn't you

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Interesting,

Authoritative,

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TO YOU.

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You'll be glad.

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Please send your free literature to

Dr. ....

ON TO CLEVELAND! SEPTEMBER 10th-14th



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**THAT'S** the title of a book you'll enjoy.

It is about X-Rays and X-Ray machines.

But even your wife could read it without a technical dictionary at hand.

Some of the chapter heads are "Why Not Be Honest?"—"Danger"—"What is a Circuit Breaker?"—"A Garden Hose and a Coolidge Tube X-Ray Unit"—"Should the Dentist Do General Radiography?"—"A Fee or Not a Fee."

Those chapter heads don't sound like the sort of literature you normally receive from X-Ray manufacturers, do they?

And don't they sound inviting?

You certainly will be glad you spent a postage stamp on this book—it's sent free and without obligation; and it certainly is easy, pleasant reading. And perhaps you may consider it profitable reading—but we'll leave that for you to decide!

Use the coupon, or send your card or a postal—whatever is most convenient.

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Please send free copy of "When is a Diagnosis Not a Diagnosis."

Dr. ....

Address .....

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ON TO CLEVELAND! SEPTEMBER 10th-14th

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## Ney's "Special" Casting Golds

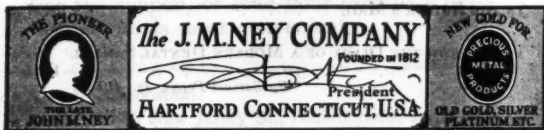
have been introduced in response to a certain demand for casting golds of the Ney standard of quality which are less expensive than the alloys of the Ney-Oro Series.

To meet this need, we offer the following group, all of which are thoroughly dependable, have been elaborately tested, and are unquestionably superior in all desirable properties to all other alloys that are similarly priced.

### "Special" Casting Golds

- No. 1—For Inlays, Three-quarter Crowns and Individual Restorations . . . \$1.15 per dwt.  
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 No. 3—For Cast Clasps, Pontics and Lingual and Palatal Bars . . . . . \$1.50 per dwt.

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Ney's Casting Golds, Ney-Oro and Special

ON TO CLEVELAND! SEPTEMBER 10th-14th

# Oral Hygiene

Registered in U. S. Patent Office—Registered Trademark, Great Britain.

FOUNDED 1911

AUGUST, 1923

VOL. XIII, No. 8



HE above seal for the Cleveland meeting of the American Dental Association was designed by the local Committee of Arrangements especially for that event.

Its outstanding feature is the slogan: *Prevent, Conserve, Progress.*

Upon each of these words the dental profession today is standing in bold relief.

Progress in human health is to prevent disease and conserving vitality is the opposite of destruction. Therefore, the slogan is one of great importance to this meeting. It will be the key-note.

The inner portion of the seal bears the word "Welcome" which is significant of the hospitality of the dental profession of Cleveland.

Cleveland bears a wonderful reputation for a convention city—with its new Auditorium which will be an innovation to many for its facilities, and the many good hotels; accessibility by rail and water will bring the largest attendance of any meeting ever held.

Reduced railroad rates and no advanced hotel rates are certain.

Now is the time to arrange your vacation which should include the American Dental Association Meeting.

# Golfodontia

By HERBERT W. KUHM, D. D. S., Milwaukee, Wis.

*Illustrated by Don Herold*

**D**ARK and foreboding is the future. Shades of methylen blue are looming on the horizon.

For much to the chagrin of the venerable Dr. Kells of N' Orleans the noble science of dental soiery is about to be afflicted with another specialty. Orthodontia, exodontia and pedodontia may come, prosthodontia, periodontia and radiodontia may go, but Golfodontia will *go on* forever!

The preliminary symptoms of golfitis are manifold. Grasping a golf club after the Winterian manner of clutching a Cryer elevator you jiggle it mesially and distally, retrograde it posteriorly until the left biceps articulate with the right external auditory meatus and then take a healthy wallop nasally at the gutta percha pellet.

Immediately thereupon you will experience marked progressive tissue changes, complicated by an anemic infarct of the peduncle when you observe the innocent little pill still calmly reposing on the pimple of sand from whence you intended to knock it for a row of Bulgarian ash cans to the Islands of Langerhans.

Marked increase in temperature will now be followed by a verbal hemorrhage of cuss-words copyrighted in all lan-

guages, including the Scandihooovian. After satisfactorily addressing the consarned pill as a slab-sided runt of a paranganglic polyp, you will be in line for life membership in the Royal and Ancient Order of Golfodontists.

After taking a mortgage on your benzine buggy you will immediately convert the resulting mazuma into a season ticket for the nearest links. Now when your golfing hours have been painted on your office door you will arise at 5 G. M. and daily make an ankle tour over umpty steen miles in an endeavor to sock the pill a little better than the "butcher, baker or candlestick maker," or whoever is making up your foursome.

A dentist is well suited for golf both by affluence and disposition. In putting a short shot on the green he will approach the wily pellet as soothingly diplomatic as he would a grouchy patient who has been running a nocturnal marathon up and down his bed room all night inspired by a mite of arsenic on a nude nerve. In niblicking out of a sand pit he can apply all the clearness, force and elegance he has acquired in convincing an amalgam patient that without a full extraction and complete set of store teeth he will be guest of honor at a lawn

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party at some nice, quiet cemetery. Years of wading through walrus whiskers and car-fender mustaches will have hardened him for scrambling through prickly shrubs and thorny bushes in futile searches for the elusive pill.

The prognosis of golfitis is very unfavorable. Every time you are prophylactically tee-ing off with a scaler-shot into the long green on a mossy set

of teeth, you will yearn to hot foot it as the Ford flies to the Land of Tee, Fairway and Green.

Once you become inoculated with the toxin of the *Spirillum Golfidorium* you will seek in vain for an antidote. Ehrlich and Metchnikoff delved into the habitat of this virulent Sp. *Golfidorium* and came skidding out on their dorsal vertebrae. Miloslavich and

Kulmbacher went on a microscopic raid against the goldfodrum stronghold, got as far as Agar-agar and were carried home on stretchers nursing infraorbital shanties with raw

beefsteak.

All of which goes to substantiate our initial hypothesis that "once a golfodontist, always a golfodontist." *Quod erat demonstrandum.*

## On To Cleveland!

Hotel rates will not be advanced.

All hotels are within ten minutes walk of the Auditorium. There is practically no choice in the large hotels as to location or service. Everyone should read the reservation blank carefully and do as directed.

A large number of reservations have been made and the indications are that the attendance will surpass all other meetings.

To handle the large crowds co-operation is necessary. It is earnestly requested that as far as possible when two or more can occupy a room, they should do so.

Our first desire is to have every visitor see our wonderful city and its beautiful homes. Cleveland is reputed to have a greater percentage of home owners in proportion to the population than any other city in the country. Many of its fine residence districts resemble parks. We also have one of the finest park systems to be found in any city in the country. Cleveland is built on the shores of Lake Erie, one of the great inland seas, and Cleveland is one of the greatest ports in the world, when calculated by the number of tons of cargo unloaded from ships. It is one of the great ports for receiving iron ore and shipping coal. It is famed for its manufactures and comprises thousands of factories producing every conceivable article of commerce from clothing to suspension bridges.

Unique entertainment features have been planned for the Cleveland Meeting but the greatest treat in store will be "Dentists' Night" at Keith's Palace Theatre, the handsomest and best equipped theatre in the world. The entire theatre has been chartered for the American Dental Association for Thursday evening of the convention week and the dentists will own and operate this wonderful house from cellar to garret on that occasion. The entire vaudeville show, especially arranged for us, will be ours, as well as every other feature of the theatre. Every seat in the house, three thousand eight hundred (3,800), will be occupied by dentists and their ladies.—*Entertainment Committee, American Dental Association.*



# Oral Hygiene In Indiana

By A. J. KIMM, D. D. S., Evansville, Ind.

*Secretary of the Indiana State Dental Association.*

**T**HERE has been more or less effort made throughout the State to introduce oral hygiene in the public school, but with little success as there is no law on the statute books of Indiana by which any money could be appropriated to cover the expense of such work.

There has been, however, quite an effort put forth by individual units of dentists in many cities throughout the State, by which the teeth of the school children have been examined, furnishing statistics for the need of the proper education along these lines.

In several cities there have been clinics started and conducted by the dentists, at their own expense of time and money, but, these have of

necessity been largely discontinued

In 1920 the Indiana State Dental Association made an effort to put on a state-wide survey of the teeth of the school children, but because of lack of necessary funds and because it was impossible to obtain any financial aid from the school board of health, it failed of realization. However, in 1921-22 another effort was made and with the assistance of the Red Cross nurses throughout the State, a partial survey was made that was indicative of the entire State. A record was kept and the following report is the result showing beyond any doubt the absolute need for some means of taking care of a situation so deplorable:

## REPORT OF DENTAL SURVEY

	Boys		Girls		Total
Number examined.....	11,192		10,971		22,163
Number who use a tooth brush.....	4,278	38%	6,366	58%	10,644
Number who do not use a tooth brush.....	6,914	62%	4,605	42%	11,519
Number who have clean teeth.....	5,044	45%	6,654	60%	11,698
Number who have dirty teeth.....	6,148	55%	4,317	40%	10,465
Number having good occlusion.....	9,320	83%	9,298	84%	18,618
Number having bad occlusion.....	1,872	17%	1,673	16%	3,545
Number of broken-down teeth.....	7,266		5,924		13,190
Number of cavities.....	20,622		18,909		39,531
Number of First molars decayed.....	8,452		8,396		16,848

We readily note that the girls are more careful of their tooth toilet than are the boys for 20% more girls use a tooth brush than do boys. As a result of the greater usage of a tooth brush the girls have on an average of 15% more clean teeth. In the matter of good occlusion the girls only exceed the boys by 1%. In the matter of broken down teeth, cavities and first permanent molars decayed you will note that the girls have a relatively lower number, but when you see some of the other charts one can readily see that this is due to having a higher percentage of clean teeth. The conclusion is that there is no material dental difference be-

tween the sexes, except in the use of the tooth brush and the relative influence that it has.

The totals are only interesting inasmuch as they are appalling in their immensity. One must take into consideration that the nurses making the examination probably only recorded the grossest cavities because they would not be expected to recognize pit and fissure cavities where an actual excavation did not exist and the actual number of cavities would no doubt be almost double this number, and prove that it is time some movement either educational or legislative to correct this health defect in our future citizens is started.

Chart No. 2—USE OF TOOTH BRUSH.

Number who use a tooth brush.....	10,644	Brush.
Those using a brush whose teeth are clean.....	8,009	75% clean.
Those using a brush whose teeth are dirty.....	2,635	25% dirty.
Number who do not use a tooth brush.....	11,519	No Brush.
Those not using a tooth brush whose teeth are clean.....	3,689	32% clean.
Those not using a brush whose teeth are dirty.....	7,830	68% dirty.

This table readily convinces one that brushing the teeth is advisable if one wants to have clean teeth, because 75% of those using a brush have clean

teeth while only 32% have clean teeth who do not brush them, and the advisability of having clean teeth is proven in tabulations that follow:

Chart No. 3—CLEAN OR DIRTY TEETH.

		Average per person	Excess in dirty Mouths
Number who have clean teeth.....	11,698	Clean	....
Number who have good occlusion.....	10,304	88% good	....
Number who have bad occlusion.....	1,394	12% bad	....
Number of broken-down teeth.....	5,399	.46	....
Number of cavities.....	18,058	1.54	....
Number of first permanent molars decayed.....	7,609	.65	....
Number who have dirty teeth.....	10,465	Dirty	....
Number who have good occlusion.....	8,314	80% good	....
Number who have bad occlusion.....	2,151	20% bad	....
Number of broken down teeth.....	7,791	.74	.28
Number of cavities.....	21,473	2.05	.51
Number of first permanent molars decayed.....	9,239	.88	.23

In the first place orthodontists claim that these totals are too low in the bad occlusion column. This tabulation being made by nurses the number probably represents the extreme cases. Note that those with clean teeth have 8% higher good occlusion than those with dirty teeth. This does not follow that the occlusion is affected by the cleanliness

but rather the occlusion affects the cleanliness as we all know that regular teeth are more easily kept clean than those that are irregular.

You also note that those with dirty mouths have a higher percentage of broken-down teeth, cavities and first permanent molars decayed than those with clean mouths:

Chart No. 4—EFFECT OF OCCLUSION..

		Average per person	Exces in bad Occlusion	
Number who have good occlusion .....	18,618	...	...	...
Number broken down teeth in this class .....	9,911	.53	...	...
Number of cavities in this class .....	31,852	1.71	...	...
First permanent molars decayed in this class .....	13,316	.71	...	...
Number who have bad occlusion .....	3,545	...	...	...
Broken down teeth in this class .....	3,279	.92	.39	76%
Number of cavities in this class .....	7,679	2.16	.45	28%
First permanent molars decayed in this class .....	3,533	.99	.28	39%

This readily convinces one that a mouth with good occlusion is very much to be desired, inasmuch as it is less liable to dental defects.

By observing all these tables one is readily convinced that the use of a tooth brush is advisable, inasmuch as the chances for a clean mouth are greater and a clean mouth is to be desired because a clean mouth is less liable to dental defects.

Isn't it time that the people of Indiana demand legislation that will make available proper care of their children's teeth, thereby safeguarding their future health?

Insofar as I know, we have in Evansville the only real free dental clinic in the State. This was made possible in the following manner:

The Evansville Dental Society obtained permission from the school authorities to make examination of the mouths of the school children. Printed blanks were made of each child—one sent to the parents, and one was kept by the Society.

At the end of the second examination which was made in every school in the city, a public-spirited citizen donated the equipment necessary to start a clinic. This was conducted by the members, who each spent one-half day at a time.

This was continued for more than a year. At that time a committee waited on our Mayor—Benjamin Bosse (who has since died) a live-wire and a progressive citizen—with statistics showing what had al-

ready been done and what could be done in the future and after going into the matter very carefully he said to us, "Gentlemen, we will have an ordinance passed so that the city can take care of this."

And it was done. That was in 1915, eight years ago, and the city has maintained the clinic, employing an interne who devotes one-half of each day to this work. A nurse is also employed and during the last year there were about 2,500 visits made by children to the clinic and from this number something like fifteen

hundred operations were performed such as cleaning, filling, extractions, etc.

We feel that we, in Evansville, have some claim to be pioneers in the work as the first examination of school children's teeth was made more than ten years ago by the members of the Evansville Dental Society.

The Indiana State Dental Association will have a bill before the State Legislature, which meets this January. If this bill passes it will put Indiana to the front in the oral hygiene movement:

AN ACT ENTITLED "AN ACT FOR THE DENTAL SUPERVISION  
AND DENTAL CARE OF THE TEETH OF SCHOOL  
CHILDREN IN THE STATE OF INDIANA"

Section 1. Be it enacted by the General Assembly of the State of Indiana that all school trustees, township trustees and school boards are herewith permitted to institute dental supervision and dental care for the school children in the public schools in this State at any time.

Section 2. The term, dental supervision and dental care, as used in this act shall be held to mean the examination at stated periods of the teeth of school children; the cleaning of teeth; the extraction of teeth; the filling of cavities with plastic material where indicated; the teaching of oral hygiene, and other such dental care which will promote efficiency for the schoolchild.

Section 3. Beginning with the school year 1923, school trustees, school boards and township trustees may, at their discretion, appoint one or more school dentists for each school corporation: Provided, where practicable, two or more school corporations may unite and employ one such dentist, whose duties shall be as are prescribed in this act and the authorized rules. Said such school

dentists shall be graduates of recognized dental colleges and licensed by the State Board of Dental Examiners in the State of Indiana. School dentists shall serve one school year and until their successors are appointed, and shall receive such compensation as the appointing trustees may determine and may be discharged by the appointing power at any time.

Section 4. School dentists shall make prompt examination and diagnosis of the condition of school children's teeth who shall have been referred to them from the school district over which they may have supervision. Such school dentists shall make and keep accurate card-index records of all examination and services rendered, a duplicate of same to be sent to the parents or guardians of the school child and unless it is the desire of said parents or guardians to have such conditions corrected by the family dentist, the school child shall be entitled to such free dental services from the school dentists as is provided for in this act. Whenever a school child is found to be in need of dental services it shall be the duty of the

school dentist to render such dental service as is necessary and desirable at the earliest opportunity.

Section 5. The State Board of Education shall pass rules for the dental enforcement of the purpose of this act, which rules shall bear the printed seal of said board; the said rules to be printed and promulgated by the State printing board; the promulgation to consist in supplying a reasonable number of copies to each

county and city superintendent for distribution to the schools having such dental supervision under his or her jurisdiction.

Section 6. All violations of this act, except as otherwise provided, shall be punishable by a fine of not less than twenty-five or more than one hundred dollars.

Section 7. All the laws and parts of laws conflict with this act are hereby repealed.

## On To Cleveland!

Automobile and sight-seeing trips have been arranged and a special expedition for the ladies is being perfected; we will keep this a secret: but the ladies will remember Cleveland and this trip for many a day.

The opening of every general session will be featured by a brief but snappy entertainment number, to put all in good humor and in a receptive mood for the scientific program to follow.

The wonderful organ in the Cleveland Auditorium will be played by a Cleveland dentist and other Cleveland dentists will contribute their parts in these entertainments.

Many of the finest restaurants and cabarets in the country are to be found in Cleveland, so our guests can look forward to much work at the convention and much pleasure during their leisure.

The motto of the entertainment Committee is: "A little folly now and then is relished by the wisest men."—*Entertainment Committee, American Dental Association.*



# Oral Hygiene in Los Angeles County

By EMMA PITTENGER DURBIN, R. N., Los Angeles, Cal.  
*Oral Hygiene Director.*



LOS ANGELES County claims to have had the first dental clinic in any rural school in California. This was in the Garvey School in the San Gabriel Valley. It was started and carried on by the Parent-Teachers' Association for nearly two years before the County Health Department came into this field of work.

It is a huge proposition to organize a dental program in a county of 4000 sq. miles and with 50,000 children in the grammar grades in rural schools—and with no money! Our first funds came from the sale of Christmas seals in county territory. The State Tuberculosis Society realized there could be no more effective measure used for combating the great white plague than for the children to have clean, healthy mouths. Hence, they granted us the use of these funds for our work.

As always happens with something new, it took the first six months to get well started, since which time this movement has steadily gathered momentum. The Red Cross of Alhambra Chapter

purchased a permanent equipment for the San Gabriel Settlement House and some work was done there. Then the Junior Red Cross, Los Angeles Chapter, furnished a portable equipment which was loaned to the schools. A dentist was procured and the work began. A public health nurse was also employed. Some things were accomplished, of course, not the least of which was a better understanding of how to handle the work.

At first no charge was made on the school district and the only income was from fees (very small) which were charged the children. This, however, was found to be too great a drain upon our resources, so each school district was asked to pay \$8.00 per day toward the expense of the clinic.

Only full-time dentists with the best credentials are employed. In order to work in our California schools, a dentist must be registered in the State, of course, and also have a Health and Development certificate issued by the State Board of Education.

Now we have three full-time dentists at a salary of \$200.00



per month, two dental hygienists and the director. The hygienist and director receive their salary direct from the county supervisors, while the dentists, mileage and incidentals are paid from income from clinics and deficit made up from Seal Sale Fund.

Three full portable equipments have been furnished by the Junior Red Cross of the Los Angeles Chapter. These the dentists pack on a little Ford coupe and start out into the country—sometimes a distance of fifty miles, set up shop and begin work by the time the school opens at 9 o'clock!

Some twenty clinics have been established in schools and Health Centers and lately one in the Juvenile Detention Home. We make a survey of the school, sending home on the consent blank list of defects found. If the parents wish this work done in a school clinic, they sign and return to us and nothing is ever done until this is on file.

And, by the way, we have run across some very interesting things in our surveys. We have found that our children in the orange districts show fewer dental defects than in others. This may be a coincidence but agrees perfectly with Dr. Percy Howe's theories and others who have made a study of nutrition and dental defects. Also we find that our Mexican children have the best, the Japanese the worst teeth of any of our groups, while our own Amer-

ican youngsters come in about half way between these two.

Some of our teachers are co-operating splendidly. In one school the teachers inspect each child every day to see if he has cleaned his teeth and the records are marked accordingly. One grade vies with the others to see which can win the highest rating. The children take a great pride in these marks and woe betide the one who forgets! Not only the teachers are after him but the other children as well.

In the summer the dentist and public health nurse go into the mountains for a month to the Preventorium for undernourished children and fix up all the children's teeth. About two hundred thus receive this free dental service every summer—and many times their teeth are in a terrible condition. Often they begin to improve only after this work has been done.

Over 7000 children received some dental care last year. The director and hygienists give oral hygiene lectures and toothbrush drills in the schools, then ask the children to write papers on the care of the teeth, thus fixing the matter in their minds more firmly. It is amazing how much of it is remembered.

The Garvey School was giving a play a short time ago and all the children who were to be in it came to our hygienist begging to have their teeth cleaned up as they wanted "to look nice for the play," which showed they were begin-



ning to have pride in the appearance of their teeth any way.

Much has been done, we know, but the field is immense and we keep thinking of all

the other children we have not yet reached and feel that we must use every effort to get to them also, as soon as possible. It is truly a wonderful opportunity for service!

### **An Announcement by the American Society of Oral Surgeons and Exodontists**

The annual convention of the American Society of Oral Surgeons and Exodontists will be held in Cleveland during the week preceding the American Dental Association meeting. Headquarters will be in the Hollenden Hotel. The hotel management have given every possible assistance to making this meeting a success and have reserved for our exclusive use all rooms necessary on the mezzanine floor.

The various committees have been hard at work and reports so far submitted go to show that one of the most successful meetings in the history of the organization will result.

The Program Committee and the Clinic Committee have reported the perfection of a most complete scientific program, and the Local Arrangements Committee have already perfected nearly all details for the meeting.

The Entertainment Committee have arranged to keep all happy during any leisure hours. A dinner dance will take the place of the usual banquet, and other features are held in reserve as a surprise.

The Ohio Society of Oral Surgeons extends a cordial welcome to all members of the American Society of Oral Surgeons and Exodontists. They hope for the pleasure of being our hosts.



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# What's Being Done In Toledo

By ROBERT H. GEHRING, D. D. S., Toledo, Ohio

*In charge of Toledo Dental Dispensary.*

**T**HE following résumé of reports of the Toledo Dental Dispensary shows many educational activities in the field of oral hygiene that may prove of interest to other dispensaries and dentists devoting some of their time to this branch of work.

The dispensary has been open for two years, employing one full-time dentist and a secretary trained in social service work. Funds for the dispensary are obtained by popular subscription under the auspices of the Community Chest, an outgrowth of the famous War Chest, and the policy is determined by a board of directors composed of prominent dentists, representatives of various civic organizations in the city and laymen interested and active in public health work.

With the co-operation of school officials, lessons in mouth hygiene were included in the curriculum of the Toledo Public Schools as a part of a course in "Good Citizenship." Subject material for this was compiled and distributed to the teachers by the association and is intended to augment the personal educa-

tional work of the school dentists who are in close co-operation with the dispensary.

A part of the children of pre-school age is reached at the various libraries throughout the city where dental lectures form a part of the story telling hours. Thus the oral health message is "put across" in an agreeable and entertaining way. As yet no way except this has been available to directly educate this group of children.

An attempt is being made to introduce oral hygiene work into the visual education movement, which is a national affair. To this end, instructive and highly entertaining films have been shown at the Museum of Art and the Toledo Community Houses. The success of this is attested by the enthusiasm with which these moving pictures are greeted by the youngsters.

Original placards touching in a non-technical manner on the importance of the care of the teeth are placed in prominent places in the public and parochial schools and all health agencies which reach a large portion of the public. In addition to these attractive posters, series of pamphlets have been distributed period-

ically by the teachers to the school children and all of the patients of the dispensary. Much of the literature from the dispensary has necessarily been that of an advertising nature which carries an especial appeal to the children; the school booklets, however, were designed and printed without advertising material.

Individual instruction in the use of the tooth brush and care of the mouth will always be a most valuable aid in the work. This is given to youthful patients by the dentist at the chair and tooth brushes furnished where indicated. Wherever possible this phase of the work is carried into homes by the executive secretary who is a trained case worker.

Owing to the lack of time of the school nurses (who are inadequate in number) tooth brush drills in the school have had only a start. No doubt exists as to the importance of

this work and it is expected to be pushed as soon as possible and the enthusiasm of the nurses is gratifying.

Many minor activities productive of a great deal of good include the exhibit of the dispensary at the last industrial exposition viewed by approximately 75,000 people, remediate work and lectures at the city's nutritional camp. A remarkable spirit of co-operation has been manifested by the officials of the schools, the teachers, the district, the school nurses and school dentists.

Monthly reports of the activities and special articles from time to time by the three local newspapers add in no small way to the educational work. While the dispensary is only two years old it is showing a healthy growth.

An expansion program is already planned for the time when opportunity presents itself.



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# The Mucin Film Test

## *A Pendant to "The Emetin Error"*

By JULES J. SARRAZIN, D. D. S., New Orleans

### History Repeats Itself—Sometimes Fast

**I**N the latter part of August, 1914, it was broadcasted throughout the land that Emetin was a specific cure for Riggs' Disease, no matter how far advanced. Two thoroughly equipped expert bacteriologists had truthfully averred that endamoebae buccalis carried infection with them, had assumed that they burrowed into gingival tissue, and had deduced that if the amoebae were destroyed, the disease would disappear.

During the experimentation therapeutic results were deputized to the observation of dentists who mistook the hemostatic effect of Emetin for a control of Riggs' Disease, without realizing that bone destruction and infection were going on without check. And thus, through misled sincerity, scores of alimentary tracts were damaged by an excess of Ipecac internally, and the alkalinity of blood currents was reduced by Emetin hypodermically, while Periodontoclasia continued unmolested.

A thorough prophylactic treatment by a periodontist, or by a dentist who devotes time and painstaking care to

that important work, implies not only the removal of every vestige of deposit, hard and soft, from all teeth and their necks, as far as accessible, without lacerating gums, with special attention to approximal surfaces, but also includes the thorough polishing of all teeth and exposed necks, again giving special attention to proximal faces.

It is the experience of those who do thorough prophylactic work, that even then, after they have completed their careful polishing, the only safety against mucin films lies in staining the teeth to discover spots where films have escaped; nor do they expect to see such films without the stain.

On account of the valuable tonic effect of Zinc Salts on mucous tissue, no staining solution equals Dr. Eugene S. Talbot's Iodo-Glycerole, and it is the one employed in the following tests to determine the efficacy of solvents for mucin films.

Teeth may appear perfectly clean and glossy after prophylaxis is completed. This proves nothing as far as mucin films are concerned. Such films as have escaped will show

a light brown color if saliva is excluded, teeth painted with Iodo-Glycerole, and rinsed off with pure water. The stains will usually be seen more at approximal faces of molars and bicuspid, and at those embrasures, and still more mesially than distally; that is, where polishing is the more difficult. Incidentally, that explains why pyorrheal pockets are more frequent at those localities. It is because the patient's thorough cleansing with tape, with an up and down motion, is more difficult there.

The stains of Iodo-Glycerole in mucin films will persist for nearly ten minutes after rinsing the mouth, so that, if the staining is done to a few teeth at a time, it becomes easy to allow no plaque to escape, by re-scaling and re-polishing at such spots, and re-staining to check up, until no locality takes the stain. This is correct testing for mucin films to rid the mouth of areas holding the main local etiology of caries and periodontoclasia.

Into mucin plaques the lime salts concrete deposits which, soft at first, condense harder and harder in time. Plaques and deposits, soft or hard, contain and breed pyogenic and acid excreting bacteria.

Teeth which have received a thorough prophylactic treatment, and would have been correctly brushed with a mucin film solvent, after breakfast and at bedtime, ending each time with rinsing for two

minutes by the clock, using tongue and cheeks to force the solvent between the teeth, such teeth should take no or only a very faint stain from Iodo-Glycerole a week later. In trials made, under test conditions mentioned, the use of no liquid dentifrice yet evolved has shown freedom from mucin films by the absence of, or by very faint staining. On the other hand, teeth kept correctly brushed with dry powder, and taped, the powder and tape containing the spongy part of Cuttlebone (200 fine) such teeth, one week after thorough prophylaxis (and sometimes months) have refused the stain at bicuspid and molar embrasures, approximally and elsewhere.

Clinical tests may be checked up on freshly extracted teeth as follows:

Select freshly extracted bicuspid and molars with enough crowns left to show approximal enamel surfaces. Keep them in pure water. Change the water often prior to tests.

Before hand, make up your mind that you will have eyes only for enamel surfaces, and will disregard the appearance of cavities, fillings and cemental surfaces.

Preferably use teeth coming from the same mouth, but others will do, provided they offer similar conditions as to size and morphology of crowns.

With a scaler cleanse all hard deposits, large and small, even tiny hard specs, but do not scrape on enamel surfaces.

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In order to respect the underlying plaques, use a sharply edged scaler, so as to feel small frosty calculi, and remove them without scraping. Give special care to approximal surfaces and their angles.

Assort two groups of teeth, mating in quantity, types and sizes of crowns. Place each group in a separate jar of pure water. Label one jar "SOLVENT" and the other "POWDER."

Separately and thoroughly brush with powder each tooth from the "POWDER" jar only. Use the spongy inside of cuttlebone, pulverized 200 fine, or a tooth powder with it as a base. Give special care to approximal surfaces and their angles. Rinse thoroughly in pure water; replace in the jar. Treat every tooth from the "POWDER" jar only in that way.

Select two approximately mated teeth, one from each jar. Teeth from the "SOLVENT" jar, each separately, shake for two minutes, or longer, in a test tube containing the mucin solvent solution. Rinse thoroughly in pure water; immerse for thirty seconds in Iodo-Glycerole; rinse off the Iodo-Glycerole with pure water, and observe the stains taken.

Teeth from the "POWDER" jar, which have already been rinsed and placed in pure water, go directly into the Iodo-Glycerole for thirty seconds, or longer, and will, after rinsing, show no stains, except in enamel pits or defects.

Repeat the above technique with a number or pairs of approximately mated teeth. Draw your conclusions. "A word to the wise is sufficient". Everything that glitters is not gold", nor is every tooth free of films that looks clean after a protracted violent shake.

An error similar to that of Emetin seems to have been made. Emetin destroyed endamoebae. It was not the endamoebae which needed extermination, but instead, the pyogenic bacteria on and around them. A solvent to mucin in saliva does not prevent mucin films or plaques on teeth, because that solvent is not kept in the mouth all the time, and, during its absence, mucin inspissates (or thickens) into films. Just like we needed to destroy pyogenes instead of amoebae do we need to dissolve inspissated mucin films instead of free mucin in saliva, unless we could keep cheeks distended with the saliva mucin solvent all the time.







## "In Massachusetts—"

By EVELYN C. SCHMIDT, Health Instructor in Oral Hygiene,  
Massachusetts Department of Public Health.

**A** REQUEST from Doctor McGee that "the Health Instructor in Mouth Hygiene of the Massachusetts Department of Public Health write telling what she does, giving as nearly as possible an outline that may be followed by other similar instructors and telling how she finds she can best reach the people and the extent and results of oral hygiene work in the State," leaves said instructor breathless. However, with considerable hesitancy, the writer will undertake to touch upon the various points briefly.

To begin with, one must know the fundamental policy of Massachusetts in order to understand the purpose and limitations of its activities as a State as well as to understand the scope of the dental health work.

Massachusetts is essentially a "home rule" State. We have a decentralized form of government which makes a municipality rather than the State responsible for governmental health activities. The purpose of the State Department is, therefore, not to control but to advise and to stimulate the work of the municipalities.

For example, in dental health work the policy of the Massachusetts Department of Public Health is not to maintain and run dental clinics under State auspices but rather to encourage municipalities to establish them where they are needed. In this way a clinic is a community responsibility, which becomes a community pride through community effort. This point is emphasized for it automatically limits the field of dental health work from the State House to that of education and advice.

For this reason, a dental hygienist, under the direction of the Commissioner of Public Health and the Director of the Division of Hygiene, both physicians, was appointed to represent the dental aspect of public health work.

We are favored by having the Massachusetts Dental Hygiene Council as an advisory body and by having the co-operation of the State Dental Society which sent the Health Instructor to Los Angeles with the State exhibit last summer.

To step into a State of 355 cities and towns, to know that over 90% of the children and a large per cent of the adults in those communities had unhealthy mouths, contributory to unhealthy bodies, was to

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face a forest—a forest which could not be seen for the trees. Time and experience, however, bring vision.

Stock-taking was the first step. A questionnaire was sent to every community which showed that 39 had some form of dental service. Subsequent questionnaires, sent semi-annually, have shown steady increases until now 162 of our cities and towns have some form of dental service for school children. Sixteen of these communities employ full-time dental hygienists.

As far as dental clinics go, we suggest the proper type of publicity, give lectures to stimulate the interest, help with the equipping, outline the basic policies of preventive dentistry, keep a registry of dentists wishing clinical appointments, request that an operator's monthly report be sent to the office in order that we may compile statistics, and keep on file detailed data concerning the clinical equipment and personnel.

The educational aspect of the work has changed as time has gone on. At first the schools seemed an ideal opening wedge. Consequently, the first efforts were directed toward compiling slides, writing literature and giving lectures to children. As the increased demands could not be met by one person, it was thought advisable to reach the "key people" and this policy is working out well.

The series of conferences on maternal and infant hygiene

held in various sections of the state for public health nurses present an ideal opportunity to stress the cardinal points in maternal and infant mouth hygiene to these workers who, in turn, will bring the gospel into thousands of homes.

Conferences held jointly by the Department of Education and the Department of Public Health on school hygiene bring together another representative group—school nurses and school physicians. At these conferences, held at the normal schools, the importance of preventive dentistry, suggestive methods for teaching oral hygiene in the schoolroom and the place of a dental clinic in a community health program are stressed. The nurse, in turn, incorporates these points into her daily work and so the children are reached with oral hygiene instruction.

Normal schools, schools for public health nurses, and, to a lesser degree, women's clubs, parent-teachers' associations, granges, and so on, present representative groups that "carry on."

Lectures are only one phase of the educational work. Literature is written and distributed, circular letters are sent to dental clinicians, to dental hygienists, to nurses—to all groups interested in health work. This Spring a round table conference for dentists and dental hygienists in dental clinics is to be held. An exhibit is used extensively at health days and health weeks. The motion picture is extreme-

ly popular. Newer still is the use of the radio and broadcasting offers an audience of tens, or perhaps hundreds of thousands.

It is impossible to give a suggestive outline to be followed by other instructors in other states for just as every community presents a particular problem so every state has a problem and a policy of its own.

And how are we to judge the extent and results of our work? By the increase in dental service?

By the demand for literature and motion pictures? By the requests for lectures and exhibits?

Life is short and education is long; consequently, at the end of three years we cannot judge—but hope.

### Aboriginal Teeth

An eastern lecturer, says the *Portland Oregonian*, has been telling the people that the prevalence of dental defects revealed by recent surveys of the mouths of school children is due to our modern manner of living. Civilization is again the stalking horse of those who enjoy preaching that mankind is degenerating and who profess to believe that if we would enjoy life and health we should revert to the ways of the aborigines.

Statements like these pass for fact because we have very few data on which to base comparisons of the present with the past. Half a century ago, when there were less than a dozen schools of dentistry in the country and but a handful of dentists, oral defects first began to attract attention, but as a matter of fact there were no reliable statistics until some time after that. The reputation of our ancestors for having invariably sound teeth was founded on guesswork and imperfect memory—nothing more. But there are fugitive records here and there concerning conditions among the Indians, who knew nothing of civilization, and the showing is quite the reverse of that which it is made to appear.

Ross Cox, a clerk with the Astor company, who came to the Oregon country in 1812, left a description of the Indians he found here which illuminates the particular question. Soon after arriving at Astoria he made a trip to the interior and in July, 1812, was in the vicinity of the Cascades and The Dalles. He had this to say of the natives he encountered there:

The dress of the men does not differ materially from that of the lower Indians; but they are incontestably more filthy and ugly. Their teeth are almost worn away. The greater number have very sore eyes; several have only one; and we observed a few old men and women quite blind.

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# A Report of Oral Hygiene Activities in Oregon

By W. D. McMILLIN, D. D. S., Portland, Oregon,

*Secretary Oregon State Board of Dental Examiners*

**T**HE oral hygiene movement in Oregon dates from 1909, during which year the Buckman school tests were instituted in Portland. The statistics obtained in this work awoke the dental profession to the amazing need of dental attention for school children and started the agitation which led to the opening of school dental clinics in that city in 1920.

Armed with the facts gathered from a study of the Buckman school report, the Portland District Dental Society sought to interest the Portland School Board in the importance of good teeth, but either from a mistaken sense of economy or from indifference or from plain crass ignorance, the City Superintendent, to whom the School Board looked for guidance in matters new to themselves, would never recommend the subject to the School Board and they themselves were not big enough to rise to the occasion and are still off as far as any financial responsibility is concerned. The Portland City Council, through its Health

Bureau, finally came to the rescue and made an opening by establishing a free dental dispensary at the City Hall for two half-days per week, which clinic is still in operation.

After the close of the war the Junior Red Cross was casting about for something to do and some kindly disposed soul pointing out to them the need of dental inspection in the public schools, they at once started out to ascertain what might be done.

Although the School Board would appropriate no funds, they had no objection to throwing open the schools, provided no financial assistance was to be demanded of them, and the result was the establishment of four portable dental clinics with five half-time dentists and five full-time dental assistants and the extension of the City Hall Clinic from two half-days to six half-days, the additional days to be considered as school clinics, although not in the school buildings as were the others. The results were so prompt, and so plain, that the clinics are still in operation in the Portland grade schools, and the Junior Red Cross still

contrives, somehow or other, to provide the finances.

In their method of conducting the work, the plan, as it is in actual operation, is simplicity itself. The dentists work during the morning hours of the school days only; for the most part the work consists of prophylaxis, fillings and extractions. The young lady assistants make themselves useful to the dentists by helping to take care of the little patients, collect the small fees, when there are any to be collected, and award the buttons of honor to those successfully passing through the chair. Their afternoons are spent in lecturing, or rather in talking to the pupils and teachers, and as occasion presents, to parent-teachers' meetings, and in the examination and scheduling of the patients for the following day's clinic.

An attempt is made to restrict dental work to those apparently least likely to have it provided in any other way; in this respect the assistance afforded by the principals and teachers is invaluable. Slips signed by parents or guardians are required before any work may be performed.

In the examinations no instruments or even mouth mirrors are used, so that there is no possible chance for infection.

Clinical attention is confined to the pupils of the fifth grade and under, excepting in a few exceptional cases. The City Hall clinic does not confine itself to any specific grade or age.

The writer has an especially good working knowledge of the school clinics, he having served as clinic operator for two entire school years.

The Legislative act of 1919 raised the annual registration fee required of all dentists, from \$1.50 to \$5.00, the increased amount designed to be used "for educational purposes, and general welfare of the public."

A campaign of dental education was at once outlined and undertaken by the State Board of Dental Examiners. The first plan was to have prepared a series of educational panels printed in the various daily and weekly newspapers of the state. As newspaper editors commonly find it very difficult to consider articles dealing with impersonal publicity in any other manner than at so much per printer's inch, the money spent in the first attempt did not reach very many people very many times. Some of our dentists, even, commented upon the fact that the efforts resembled patent medicine advertising methods, in both looks and words, but they did not suggest any better plan, so further funds and further study were in turn applied to the problem, and a movie machine was purchased, a film secured, and a lecturer was sent out to tour the state. During the first trip the lecturer addressed, at a conservative estimate, 16,000 public school pupils, in addition to adults.

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the dentists, who might reasonably have been expected to co-operate with the lecturer, were singularly remiss in this particular. The university city of Eugene was particularly exceptional, however, for in this city the local dental society actively assumed all of the details which devolved upon the lecturer in many of the other cities in which he appeared. In the main, however, the lecture trip was a success and other short trips were undertaken and a lantern and slides were added to the list of accessories.

An additional impetus was given to the lecture work by the distribution of 100,000 copies of an educational leaflet "The Mouth and Teeth and their Relation to Good Health," which was also used by the Junior Red Cross in the school clinics in Portland. This leaflet has recently been augmented by a second article "Foods and Teeth," which will be used and distributed in the same manner as was the preceding leaflet.

The latest efforts along popular educational endeavors was the financing of a dental essay contest (as fully outlined in the November number of ORAL HYGIENE) in every county of the State. The State Board of Dental Examiners furnished the cash prizes from the Educational Fund and the State Department of Education outlined the methods of procedure, graded the essays and certified the names of the winners to the board.

More than 10,000 pupils prepared essays and 112 county prizes of \$10.00 each were awarded, together with 4 state prizes of \$25.00 each. The results were inspiring; hundreds of requests for dental educational literature were received from pupils, parents and teachers, and at the close of the contest it was strongly urged that it be repeated the following year (1923), the State Department of Education volunteering to again assume the direction of the state-wide work, as in the previous contest.

At the present time (Nov. 1, 1922) a Health Exposition is being conducted in Portland and the state and local dental societies have assumed the direction of the dental clinical and educational features. The State Board of Dental Examiners will largely finance the work from its educational fund. Educational literature is being distributed to the public, dental inspection of all persons desiring same is given, examination of children's mouths and the awarding of prizes for certain types of mouth and teeth is being conducted.

The dental booth is the most talked of exhibit at the exposition; several dentists are on duty from 2:00 to 11:00 p. m. daily; leading dental specialists of the State are in constant attendance.

The oral hygiene movement is very much in evidence in Oregon at the present moment and it bids fair to be a subject that will not fail to become

still more important in the very near future.

*Author's note*—Since this article was prepared the Legislative session of 1923 passed a measure designed to permit the public schools of the city of Portland the opportunity of diverting certain funds for dental activities, if it is desired. The measure was introduced by a member of the Port-

land School Board, who is also a member of the Legislature, Hon. W. F. Woodward. Briefly, it permits cities having a school attendance of 25,000 to finance, or to assist in financing school dental clinics to those desiring same, but not to be in any sense compulsory. A measure introducing similar provisions throughout the entire State was defeated prior to the passage of the present bill.

## Floss should be Substitute for Tooth Pick, Dentists Told

Indianapolis—Those persons who feel that a meal is not complete unless the final course is composed of toothpicks were criticized by Dr. Rea Proctor McGee, of Pittsburgh, lecturing before the Indiana State Dental Association here.

"It would be better for the mouth and teeth if we quit manufacturing toothpicks," Dr. McGee said. He urged the cleaning of the teeth three or four times a day and recommended the use of floss, instead of toothpicks.

Dr. McGee asserted that school textbooks in use in the public schools as a rule deal with dental and medical subjects in an antiquated manner. He said several states have taken steps to bring these subjects up-to-date.

## A Texas Outlaw on Our List

*Editor ORAL HYGIENE:*

Will you please change my address from Sour Lake, Texas, to Beaumont, Texas, so I may not miss any of the happenings of ORAL HYGIENE?

Thanking you in advance for your kindness, I am,  
J. W. Outlaw, D. D. S.

P.S.—No doubt you are aware of the fact there are lots of outlaws in the dental profession but a limited amount of them go by that name.

J. W. O.



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# The Cleveland Meeting

By OTTO U. KING, D. D. S., F. A. C. D., Chicago, Illinois

*Secretary, American Dental Association*

**T**HE completed Cleveland program demonstrates to a careful observer that the 1923 meeting will establish the fact that there IS something new under the sun. This meeting, from a clinical, educational and scientific standpoint, will be education PLUS. A pyramid in dental history will be erected at Cleveland September tenth to fourteenth, 1923.

"To much egotism is blindness"—there will be many who will date their renaissance from the Cleveland meeting and return to their practice with their wagon hitched to a new star.

This great program is the work of a large group of experienced program builders. These experts, through co-operation, have accomplished the acme in presenting a program of unusual merit from both a scientific and practical standpoint.

The July *Journal of the American Dental Association* carries the tentative program and a careful reading of it registers the unusual progress being made by dentistry today.

For the first time in the history of our Association, two United States Senators will appear on the program, and also one of the greatest states-

men during our recent war has already honored us by accepting an invitation to address one of the general sessions. Then, we have also listed for the general sessions, some of the most noted surgeons and educators of this country.

The magnitude of this meeting may be visualized by the announcement that there will be approximately 500 clinics given by nearly 600 clinicians. Two hundred and forty-three essayists and discussors will have part in the seven scientific section programs. There will be over 300 exhibitors. The largest amount of exhibit space ever rented for a dental meeting has been sold for exhibit purposes in the great municipal auditorium. Every dental exhibitor who has something to sell will be represented at Cleveland. It will be a liberal education in itself to visit this dental manufacturers' exhibit.

Nearly 20,000 sq. ft. of space has been appropriated in the public auditorium for the most scientific dental health exhibit ever staged in the history of dentistry. A partial list includes fourteen states which will have dental health exhibits, in addition to the following industrial and other dental clinics: National Cash Register Co., Metropol-



itan Life Insurance Co., National Lamp Co., National Association of Indiana Dental Surgery, Cleveland Mouth Hygiene Association, City of Cincinnati, National Child Welfare Demonstration, McDowell County (West Va.) Dental Clinics, Dental Research, Dental Hygienists of California, Rochester Dental Dispensary, Forsyth Dental Infirmary, ten local child helping organizations who will demonstrate value of mouth hygiene in their work.

Every one interested in the mouth hygiene problem from an educational standpoint will plan to attend this exhibit and a careful check-up on the many unusual and practical ideas will be suggested for the establishing of various types of dental clinics.

There will be a continuous motion picture program interspersed with lectures by the producers and directors of the films and also by others who carry a real message of authority in various fields of preventive medicine in which dentistry is vitally interested.

The Council on Mouth Hygiene and Public Instruction has outlined a definite future program and in order to secure the necessary co-operation and enthusiasm for the accomplishment of their work, they have announced a conference of all mouth hygiene workers. This meeting has been designated as

the first international round-table conference on mouth hygiene. Those who have been invited to address this conference are men and women who have done some specific original work in their particular field of preventive medicine.

The magnitude of this meeting may also be visualized in the announcement that no public building in the United States would be able to house it. Therefore, five of the section meetings will be held in large hotel auditoriums while two section meetings, three general sessions, the large clinic with its four distinct types of group clinics, the motion picture program, the dental health exhibit, all registration work, and the mammoth dental manufacturers' exhibit will be held in the public auditorium.

The red letter days in dentistry this year will be September 10th, 11th, 12th, 13th and 14th, at Cleveland, Ohio.

"The road to ruin is to refuse to grow," says Dr. Frank Crane.

The Cleveland meeting will establish a new epoch in dentistry. It will record the greatness of our profession and visualize a definite future aim. The slogan of every enthusiastic and loyal dentist should be:

**"On to Cleveland for the Annual Meeting!"**

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## In the Editor's Mail

### Editor ORAL HYGIENE:

The reply to your letter in regard to a National Dental Week has been delayed in order to gather material for a report on some recent work done in Omaha along this line. We developed a "Cho Cho" and he did some very good work. I hope to have this written up in the near future and will send it to you.

I am very much in favor of your plan and know that Omaha would be glad to cooperate in such a movement.

EDWARD H. BRUENING,  
D.D.S.

1125 First Nat. Bank Bldg.,  
Omaha, Neb.

My dear Dr. McGee:

Referring to your letter of April 28th, regarding a Dental Welfare Week, I wish to assure you that it is a splendid idea and surely ought to be put over and put over in a big way.

The Pennsylvania State Dental Society decided to support the plan provided it be organized in the American Dental Association.

The fact that the Michigan State Society gave it such an impetus ought to make it easy to get headway. It seems to me the proper procedure would be to develop a national plan and work it back through the State Society and finally give it

its fullest expression in the component societies and the study clubs.

Here is hoping it will be done.

Yours sincerely,  
A.C. BARCLAY, D. D. S.  
914 Highland Building,  
Pittsburgh, Pa.

### Editor ORAL HYGIENE:

Making a repair of one tooth to an upper denture, I opened the valve in the vulcanizer before it was thoroughly cool and the plaster partially blew out of the flask that had holes in it, and the plate warped all out of shape.

Now, what would you do? These things generally happen at an inopportune time.

I put it in boiling water for three minutes and to my surprise it came back into shape and fitted better than before. This may save someone a sleepless night.

Yours truly,  
HERBERT T. ARMSTRONG,  
D.D.S.

335 Westminster Street,  
Providence, R. I.

Dear Dr. McGee:

Your letter of April 28th to Dr. A. P. Burkhardt with editorial on the National Dental Week has been referred to me. I have been mulling the matter over more or less for the past week, and believe with you

that a National Dental Week can be made a great event.

There are many localities in mind where this idea can be most beautifully carried out, and, no doubt, interest would increase with time. The publicity methods used in Detroit certainly produced results. Undoubtedly this same idea with numerous local variations would be a good one to start out with.

From the school standpoint, I am inclined to believe that the autumn would be a better time than the spring for the National Dental Week. This idea has come to me through my personal contact with the schools in doing oral hygiene work in this state.

If a national committee could be appointed and arrange for a meeting at the national convention, definite plans might be adopted to be carried out through state and sub-committees. I can see a large amount of work in this for a few interested men and women, as well as great possibilities.

Yours truly,

L. A. TIMERMAN, D.D.S.

Chairman

Oral Hygiene Committee  
of the Dental Society of the  
State of New York  
Amsterdam, N. Y.

Dear Dr. McGee:

Replying to your letter of some days back, may I state that it is very apparent that preventive measures are our only recourse in checking the ravages of the most prevalent

disease of the human race, dental caries?

I am in sympathy with any movement looking toward greater publicity in regard to the necessity of each individual using the proper methods in the care of his or her teeth and which at the same time remains within the scope of true ethical procedure.

Wishing you every success in your endeavors, I am,

Fraternally yours,  
BERT BOYD, D.D.S.

Secretary

Southern California Dental  
Association  
Los Angeles, Cal.

Dear Doctor McGee:

At the last meeting of the Pathodontia Section of the First District Dental Society of New York, the necessary precautions to be observed in the treatment of pulpless teeth was under discussion, and the enclosed resolution was adopted as sensing the opinion of the Pathodontia Section.

As this is of interest to many of your readers, we should be very glad to have you publish this resolution.

Yours respectfully,

John T. Hanks

Chairman

Pathodontia Section  
First District Dental Society  
of State of N. Y.

17 W. 43rd St.,  
New York, N. Y.

WHEREAS: The Scientific Section on Pathodontia of the First District Dental Society, State of New York, an organ-

ization devoted to the advancement of Dental Science and whose activities have been and are centered largely upon the solution of problems associated with pulpless teeth; and

WHEREAS: There exists a great diversity of methods in the treatment of pulpless teeth by advanced workers in this field of dental therapy; and WHEREAS: There exists among those interested in advanced pulp canal therapy a unanimity of opinion as to the necessity for the observance of surgical cleanliness at all times during the treatment of pulpless teeth; and

WHEREAS: The proper application of dental rubber-dam is recognized as the best means for isolating the field of operation and maintaining the surgical cleanliness of the field during operative or treatment periods. Therefore,

BE IT RESOLVED: by the Scientific Section on Pathodontia of the First District Dental Society, State of New York, assembled in regular meeting at the New York Academy of Medicine in the City of New York, April 16th, 1923, that until such time as some means demonstrably as good or better, for the purpose of maintaining cleanliness of the operative field, is introduced to the profession, failure to employ the dental rubber-dam as a protective measure during operative or treatment periods upon pulpless teeth is prejudicial to the best interests of the patient.

BE IT FURTHER RESOLVED:

That copies of these resolutions be forwarded to the editors of the principal dental journals of the United States.

*Editor ORAL HYGIENE:*

Your letter with the advance proof of the editorial that appears in the May issue of ORAL HYGIENE arrived just as I was up to my ears settling affairs connected with the recent meeting of our State Association.

I have read the editorial several times and I can see only one minor objection to having a week devoted to this great and good work. There are so many "weeks" now for this and that thing that the affairs incident to each overlap, but as I have said, this is a minor objection considering the magnitude of the cause.

While dentistry in Maryland is only about 33 $\frac{1}{3}$ % organized and of that organization only about 10% is active, I should hope that if your plan is adopted throughout the country that the Maryland State Dental Association would get together and back the plan to the limit. Personally, I am in favor of it and would do everything in my power to make it a success in Maryland.

Sincerely yours.

NORVAL H. McDONALD,  
D. D. S.

304 Morris Bldg.,  
Baltimore, Md.

*Editor ORAL HYGIENE:*

In reply to yours of the 28th inst. asking my criticism of the plan to have a "Dental Wel-

fare Week" I will say that I have none to offer, except hearty commendation of the plan. I have long felt that dentistry needed advertising.

The ethical dentist can only reach a very small minority of the people needing dental services, to preach the cause of proper dental treatment, while the advertiser reaches all classes through the newspapers.

To the masses, a gold crown, a filling, or any other dental work is only what its name signifies to them. I used the words "dental work" because to them dental "service" means nothing. They don't know the difference.

Their entire knowledge of dentistry is from what they read in dental advertisements of cheap dentistry.

I feel that your plan will be of material benefit because there is only one way to combat the advertisers, and that is to educate the general public, so that they will not only know how to take the proper care of their mouths, but that they can also learn the difference between good and bad dentistry.

Thanking you for the opportunity of expressing myself on this matter, I am, with best wishes,

Very truly yours,

A. J. KIMM, D. D. S.  
Evansville, Ind.

*Editor ORAL HYGIENE:*

National Dental Week is a big idea. If the State Dental Society would take it up and expend a small amount of

money in the press the week before, it would remind the public and would jar the memories of some that pay no attention to their teeth.

Yours truly,

H. T. ARMSTRONG, D.D.S.  
335 Westminster Street  
Providence, R. I.

My dear Doctor McGee:

In your letter of April 28th you very graciously asked me to voice an opinion, pro or con, on the subject of National Dental Week. I trust that what I say will be held as a personal regard of the matter. It is quite beyond my poor power to add or detract from the subject. However, since it is a matter of universal interest in which not only the gifted few should be heard, I feel my opinion will not be interpreted as the message from an egotist.

Not so many moons have past since a syndicate of great import devised a new means for conducting a publicity campaign. The novel means was accomplished by so adjusting the exhaust of an aeroplane motor that the aeronaut could write letters in the sky by use of the smoke which was emitted in heavy volumes from this adjusted exhaust. Apparently and to all good intents this innovation was a "world beater"; but the conservative, who is never last in using something new, found the flaw. He reasoned that while "smoke writing" attracted a great deal of attention due to the thrill the spectator received from

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such a spectacle, yet its message was as ephemeral as the smoke. It was there in the sky one moment, the next a formless vapor. For those who witnessed the sight it carried home an impression but it was as the smoke—flitting. In the mind today and gone tomorrow. The objection then was that while it brought a needed message to the spectator in a novel way, it lacked permanency. The successful advertising campaign which is waged today depends upon three factors: "good copy," plus honest products, plus *persistence*, which to my mind is the most important of the three. The same problem holds good in dentistry when a body of men in the profession attempt to launch an advertising campaign in the interest of the laity's health. For is it not true that if we did not hammer away day in and day out at the office on the necessity of oral cleanliness and mail notices at regular intervals telling of the necessity for periodic examinations, that our patients would be far more lax than they are now? So the same holds good for special weeks set aside and variously designated as "Cancer Week," "Health Week," "Better Homes Week," etc.

The spirit that moved these men to institute such weeks was a noble one, the energy expended to make the exhibits, lectures, etc. successful was stupendous but the result—here comes the hitch. For a month or so every one resolves

to cut out smoking to an excess for fear a papilloma may be excited, the next resolve comes a week later and this time they vow to stop the practice of eating at irregular intervals, of keeping late hours, etc.

A week passes and the woman of the house "goes to bat," she resolves to place aside in the way of a weekly bank deposit sums which will finally aggregate enough money to purchase refinements for the home; however, comes "National Fur Week" and she spends the sum placed aside for home betterment for personal finery—a fur coat. The reason is very apparent—the intelligent class does not need to be nagged at to do certain things, their common sense explains the why and wherefore. The unintelligent must be constantly hammered away at for they have no common sense. They are the fools who learn from experience and we all know that experience is a dear school, but to reiterate—the fools will only go to the school of experience, they will not listen to reason. When pulpitis sets in they come on a tear to the office, complain of the crude and painful technic to alleviate the pain, and leave with a vow to return at periodical intervals.

They return when peridontia-clasia has obtained a firm foothold, deride the inability of the operator to check the onslaught of tissue invasion and destruction for all times, again leave the office this time



vowing to come at the proper periods only to return once more with a condition beyond repair. The operator with forceps in hand obtains the proper hold on the teeth and replaces them with a "set" guaranteed not to develop pulpitis or peridontia-clasia; although there are still a good many of our medical brethren who persist in diagnosing Rigg's Disease in an edentulous mouth carrying an upper and lower denture.

Dr. McGee, don't you think a National Dental Week at the National Convention of the American Medical Association would be far more efficacious?

Perhaps some of our medical brethren will be less prone to diagnose conditions in a field with which they are at present so little familiar. Perchance a physician ordering out teeth at this time can be educated to see his folly by an intensive propaganda at his national meetings. The fad of extracting teeth promiscuously in the hopes of eradicating obscure dental ills, which has obtained such a hold on the medical profession can be aborted and finally destroyed. This "exodontic" fad can be likened to the deciduous and permanent teeth. The deciduous set are forerunners of a permanent complement. This present "tooth-pulling" craze is a forerunner of a permanent technic and that is—a better root-canal procedure practised along saner lines than heretofore.

We, as a whole, bend our every effort in reparative and preventative measures. The physician practices prophylactic and restorative means by which the health of a patient may be made immune to ravages of disease or his system repaired from the damages resulting therefrom. Can you, therefore, differentiate between the motives of the two professions? They, when we come to the final analysis, are one and the same. They are a means to an identical end, namely: prevention and restoration. Because of the almost futile task of reparative efforts, the dental profession in the past ten years have been specializing in prevention and justly so. The propagation of accurate knowledge in relation to general health and oral physiological balance should be more extensive, as we have shown by many of our great research men that the mouth is a breeding place and an ideal incubator for systemic diseases which were, years ago, attributed to other causes. Today the elemental truth of the relationship between systemic balance and mouth hygiene cannot be stressed enough. The preaching of oral hygiene can never be over-emphasized, especially to those who come in contact with the laity in a professional way.

The physician is so intelligent that an intensive National Dental Week inaugurated at his National Medical Convention will, therefore, do him worlds of

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good and in turn will aid us to spread the proper gospel to the laity through the well-informed physician.

The physician can grasp all that is new from the preceding year readily and, therefore, cannot be classed in the category in which we place the ordinary uninformed masses. However, to reiterate: we, as a profession, should know more of what medicine is accomplishing as a means to an identical end; and they, as a whole, can learn much from us. We are interdependent. We should not order the tonsils out when an unknown focus is seriously undermining the human economy, no more than a physician should order out teeth for the same reason. A conference in which the ultimate should be a mutual understanding between physician and dentist is the only solution to the problem and thereby the patient's welfare will not be jeopardized as it has been in the past.

For the laity there is only one way to operate a National Dental Week—that is when National Dental Week occurs fifty-two weeks out of the year. No, Dr. McGee, I am not in favor of a National Dental Week for in this pragmatic world of ours we must figure results in units of efficiency. Such a week as is planned is only 71356 efficient. A daily campaign for the laity the year around is the only one that is 3561356 efficient.

Intensive campaigns devoted to the interests of oral hygiene

in the public schools today are far more efficient than we little suspect. The reason, though not apparent to some, is that the gospel preached at these campaigns is practiced daily by the children, namely, the use of the tooth brush. Such a campaign is never a failure.

The trouble with the older folks is that they use fallacious reasoning when they are approached by clinicians, or posters, or other such paraphernalia decrying the need for oral cleanliness. They argue in their minds: "Well I have gotten along these many years without all this fuss of proper tooth brush movements, etc. I think I can chance it for a while longer." We all know that the hardest mind to convince is the mind in the next stage past the adolescent. They know it all! It has been aptly said: when we are green, we are growing; when we know it all, we are stagnating. There is only one mind that is green and we all know it is the child's. The mature mind too-often knows it all. Therefore, Dr. McGee, I think the problem of prevention or the message of oral hygiene can best be solved by training the "sapling" to grow strong, rather than "pruning" the well-rooted oak.

The Laity—bless them, have to be scolded daily!

Sincerely yours,

BAINESS A. GOLDBLATT  
304 Professional Building,  
Rochester, N. Y.

## Pages from the Diary of the Modern Dental Samuel Pepys

BY SAMUEL PEPYS, Jr., D. D. S.



On a recent trip to one of the cities in the South I noticed that at almost every second door on the prominent streets a man was handing out cards, calling attention to a dental "parlor." The method of correcting this condition is not through the persecution of the individuals, but through reason.

The writer, after conversing with an advertiser and looking into the matter, analyzes the situation as follows:

On investigating the state dental laws throughout the United States I find laws do not have incorporated in them any clauses covering advertising that will protect the public.

Examination disclosed that Missouri is the only state that has secured advertising laws and there are fewer advertising "parlors" in that state than any other state in the Union.

On further investigation it was found that that state had always been a most progressive state in the establishment of dental laws and that the profession had selected men for their State Board for the

last twenty years on their ability to see that new laws and proper laws were introduced and enforced.

A member of the board was not removed because he happened to belong to the party that was not in power. At the present time Missouri has a Republican government and there are two or three Democrats on the Board.

The real work in making the dental laws was done by the pioneer workers on this Board and the continuation of their ideals has been carried on so that at the present time they have one of the strongest boards in the United States.

The State of Illinois, which is full of advertising men, during the last legislature copied the Missouri law in its entirety, and, I understand, the bill is now up before the present legislature. Members of the state boards over the United States should make a thorough investigation of the Missouri State law with the idea of introducing this law into their own states. It has proved very effective.



Probably one of the most amusing sights at a dental meeting is the individual with

samples which have been pressed upon him by the man in back of the booth after he has signed his name. What they do with all the stuff has always been a mystery.



The profession after a time gets tired of a lot of wrangles between two men of prominence or supposed prominence—each having a particular technic, which he thinks is superior to the other man's technic. They bring up their dirty linen in their local society and then into their State or National organization and in the end no one has really profited, as they usually inject a lot of personality into the equation with the end result that the profession gets disgusted with both of them.

An unusual man will present his work, and, if he is convinced in his own mind that his technic is correct, he will let his supposed opponent blow his horn, retire to the background and await developments. It's not long before some thinking men soon recognize the merits of the technic and adopt it. But where they spring a lot of stuff and make it personal in the sense that "you do it my way or it's no good," they get it over for a time but it doesn't last long.

It has been the observation of the writer that any work that stands the test of time does not come up over-night like a mushroom, but is usually the result of the labor of years in diligent research. It

is not an over-night proposition.

New York City is the center of a lot of professional fights, which, when you analyze them, exhibit a lot of kids' play with some good men standing in the background suffering and saying nothing but getting disgusted with the whole proposition.

As a general rule the town has done nothing dentally. They don't create—the original work comes from the Middle West and New York copies, modifies or condemns it. When they do get something, they patent it and sell it; they don't give it freely to the profession.

Talk about small-town stuff: that big village pulls more rube play than you can see in some rural district meeting where the men may not be so highly polished but where they have a good sense of proportion and enjoy each other's company at least.

My first look into the big village was when Black introduced his scientific cavity preparation and they all said he was wrong. He came back and showed them again and they said he was correct, but they kept on doing the same type of cavity preparation.

Cavity preparation was later followed by a discussion of Calahan's root canal technic and then the real fun started. Two New Yorkers each modified the procedure—one made the point go beyond the apical end with a button attachment or a hook so his competitors

would have a hard time pulling it out and the other said that it was all wrong and that the foreign-body so located in the tissues would prove an irritant. This almost broke up the society—each having a lot of followers. It was not long thereafter that the oral surgeons of the town sensed the pulse of the situation and injected their speciality into the fracas.

They then controlled the situation and they started on a merry war—one faction trying to control the other, and when one would stop and analyze things and ask why the town was not progressing dentally, the come-back was that "the oral surgeons were running things."

Now, my acquaintance with true oral surgeons like Brophy, Logan, Gilmore, Potts, Kasanjian, Minor, Lyons, McGee, etc., is an entirely different one from contact with New Yorkers.

Not one of them are what the above named men stand for. Those named above can do a good hare-lip or cleft-palate and do not make a lot of noise over nothing. This New York bunch can't do a cleft-palate or a hare-lip; they call removing a cyst, granuloma, or extracting a tooth, oral surgery.

They don't even do their extractions in a scientific manner, but according to their own conception, calling it oral surgery and cutting out a big chunk of the jaw to get out a

tooth in a couple of hours that I have seen done out west in a short space of time and with no damage to the supporting structure and the patient doesn't suffer for months thereafter.

Well, I understand that they have about tired of this horse-play now and may get down to the paramount question, which is dentistry.

One of the big hospitals in the big city of New York made a good move recently. First one oral surgeon in the New York Throat, Nose and Lung hospital was in control, then the other followed and at last the Board of Managers closed the department, and in this way settled all arguments.



For years we have been juggling the medical dictionary for our own terms and occasionally find one. A glossary of nomenclature prepared by Black some years ago and the report of the National Committee on nomenclature was all the reference we had. Now, simultaneously, we have two publications of dental dictionaries, which books should be purchased by every reading man in the profession in order to encourage the authors as well as the publishers, as books are not a profitable business, especially dental books with their limited sales.



A paper from the pen of Dr. Hart Goslee read before the Illinois Meeting shows a recovery of his health, which

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has not been good in recent years, and the creditable manner in which he handled his subject is encouraging to those who have followed his work for years. He certainly did not hesitate to call to the carpet those who have condemned fixed bridgework and who hold those who do fixed bridgework as liable to malpractice.

He goes into the subject versed in both fixed and removable types and classifies all of the conditions favorable and unfavorable to fixed bridgework. This paper should start a lot of fireworks from the removable advocates. Let's have it out!



If those who contemplate reading a paper before a local society will go to the *Dental Index* and learn what has already been written on the subject, when the new message is written we won't have to read through a lot of stuff copied from the other fellow (with a slight change in the language). It would save a lot of rehash in getting at the meat of the article—and, remember, the man who wrote the original article has a name; don't be afraid to use it; it will be to your credit if you do.



That article of Kells in

January *Cosmos* on the Mayo institution, was a corker. They don't pull the wool over his eyes; they have to show him. With his experience and true professional spirit, which cannot be questioned, it took a man of his caliber to expose what has been the greatest menace to the dental profession.

Suppose we all started to take all of the shortcomings of the medical clinic and analyze them. If they cure them all there would be no osteopaths, chiropractors, Electronic Reactions of Abram and all of the other things too numerous to mention that toy around the medical clinic.

Call attention to all of the things they do but don't try to run the dental profession.

We don't have any side-shows for freak treatment.

Ours is the work of a sane profession. We have not branched off in a lot of allied quackery and don't use another profession to advertise our profession.

Our work has stood the test of time and the dental profession, as a whole, has progressed with that of any other science. That Dr. Kells has made a stand that no other man in the dental profession would take is in keeping with what he has always stood for in dentistry.





# The Perfect 32

## A Radio Talk

By EVELYN C. SCHMIDT

*Health Instructor in Mouth Hygiene. Massachusetts Department of Public Health*

**D**OUTBTLSS you have heard your grandfather or your uncle or cousin or someone speak of the perfect 36. Or perhaps you, yourself, have done so. But, strangely, you have probably never talked of the perfect 32. Still there are just 32 reasons why we should be interested in our teeth—and each one is a tooth.

Irvin Cobb once said that "one of the greatest joys about being born is that we are born without teeth."

Be that as it may, we are not without them for long, for we are cutting, losing, and cutting more teeth till we have our allotted 32, which, unfortunately, are seldom perfect. For tooth decay, the most common of all diseases, attacks the teeth of most people; consequently, we go through the ensuing years wearing fillings, bridges, crowns and perhaps artificial teeth. In fact, one would have to examine the mouths of hundreds of people before finding a perfect 32. But why? Surely we were not meant to have teeth just to have them decay and to have them repaired. No filling, no crown, no bridgework can

compare with our own natural, perfect teeth and as for artificial teeth—did you know that the grinding power of sound, natural teeth is about 175 pounds while that of artificial teeth is only about 25 pounds? Yes, two teeth in the jaw are worth ten in a plate; so we need to conserve our natural chewing machines.

That is the first step, too, chewing. Every organ of the body is improved by use and the mouth is no exception. Putting the teeth to real service in chewing hard, resistant foods exercises the muscles of the jaw and stimulates a normal circulation in the mouth. Give your teeth a chance to do their work. Ordinarily we don't. Take an average American breakfast, for instance.

Maybe we have fruit first, which requires little mastication unless it be a raw apple. Then we should have cereal. But do we eat cereal which requires chewing or cereal which can be soaked up with cream and so slide down easily and quickly? Perhaps we do have dry, crisp toast, but do we exercise our teeth by chewing this? No indeed, why do we drink coffee if it isn't to help wash down our meal?



Isn't that a truly typical breakfast? And our teeth haven't had one bit of exercise! Chew your food. It is good for your teeth, good for your stomach, good for your disposition. One can be what one chews to be!

Then, of course, you want to chew the right kind of food—foods containing the minerals and vitamins, the latter growth-promoting substances which help the system to utilize the minerals are necessary to build and keep good, sound teeth. These foods are milk and the dairy products, whole grains, eggs, fruits, both fresh and dried, and vegetables, especially the green and leafy ones. Milk is particularly rich in the lime salts. In other words, eat the natural foods. We are apt to eat with our eyes. We serve white bread because it is attractive to the eye, whereas it has been robbed of its most nutritive elements in the bleaching. We serve cakes, jams, and candies because we have cultivated a taste for concentrated sweets, forgetting that in our natural foods we get a great deal of sugar in its best and most easily digested form. For instance, a ripe banana has about three teaspoonsful of sugar and an orange about two. The "sweet tooth" of America is causing much of our tooth decay. We should end our meals with a natural self-cleansing food—an apple, a piece of celery, a little lettuce salad, for instance, all of which help to clean the mouth;

rather than with cakes and cookies, which are pasty and soft and consequently stick on and between the teeth causing tooth decay.

Besides mastication and proper foods, brushing is most important in conserving the 32. To begin with, the average brush is much too large.

You want room for motion. Most brushes fill the mouth without leaving room for the motion, which, by the way, should be up and down; up on the lower teeth and down on the upper. Let that up and down motion include the gums, and then clean the tongue, for your toothbrush should really be used as a mouth brush.

The teeth need just such a cleaning after each meal and especially the last thing at night, for then they need it more even than during the day when our tongue and cheeks help clean them in talking. "A rolling stone gathers no moss;" neither do clean teeth. If you want to use toothpaste or toothpowder on your brush, all right. But one-half teaspoon of salt in a glass of water makes an effective and inexpensive mouth wash.

Daily care is important and the dentist's care is, too. Visit your dentist at least twice a year. The oftener you go, the better, for he will detect the cavity when it is small and, remember, no cavity is too small to be filled. Speaking of dentists, choose a good one. Avoid the advertising dentist as you would avoid the quack



physician and patent medicines.

The neglect of teeth means decay. A decayed tooth, unless cared for, sooner or later becomes abscessed. An abscessed tooth poisons the entire system and may cause systemic diseases.

Chewing proper foods, giving proper daily care and hav-

ing proper dental service will help you conserve your teeth and will help your children on the road to a perfect 32.

Since teeth have much to do with health, even if we can't all have a perfect 32, let us conserve the teeth we have not only for health's sake but because we can sell our smile—if it's a good one.

### Spreading the Gospel of Clean Teeth to School Children

The report of the first six months' work in spreading the gospel of clean teeth to the school children of Pennsylvania has been submitted to the Southeastern Pennsylvania Chapter of the American Red Cross by Miss E. Mae Bower, dental hygienist in charge of the work.

Miss Bower's work so far has been confined to Bucks County, Penna. Her "clinic" is a light sedan, equipped with a dental chair and all the necessary paraphernalia for cleaning teeth. Several times, she reports, the light car has been buried in the heavy mud of the country roads.

In the six months twenty-five schools in Bucks County have been visited, and the teeth of every child in the schools examined. A total of 759 children have had their teeth cleaned.

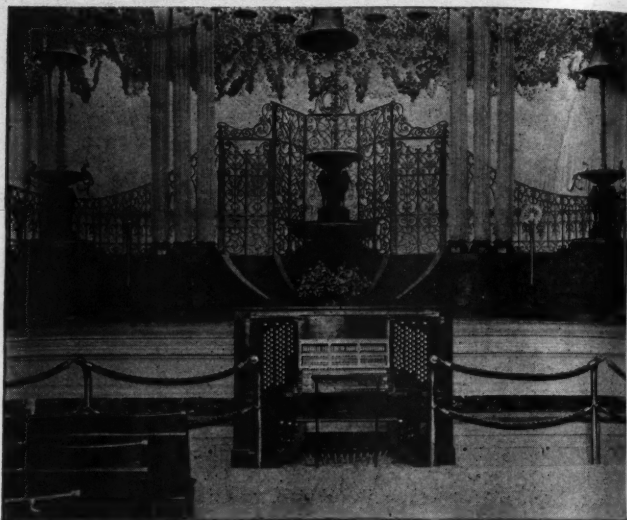
More than fifty talks on oral hygiene have been given by Miss Bower to the children of the schools. She speaks not only upon the proper care of the teeth, but points out general rules for good health, explaining a proper diet, the necessity of exercise, rest and fresh air.

Her work has earned for her expressions of appreciation from school boards in many sections, and a similar tribute from officials of the Southeastern Chapter of the Red Cross, characterizing her as "an indispensable part of the program of health education maintained by the Red Cross in this territory."





Cartoonist H. Harmony, of the Boston AMERICAN, attended the Northeastern Massachusetts Dental Society Meeting at the New Ocean House, Swampscott, Mass., and here are his impressions of some of the members.



View of stage with organ console in foreground, Cleveland Public Auditorium, where American Dental Association will meet in September.

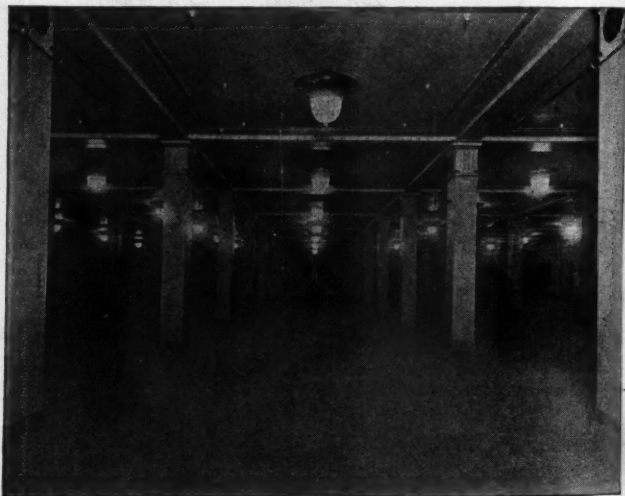
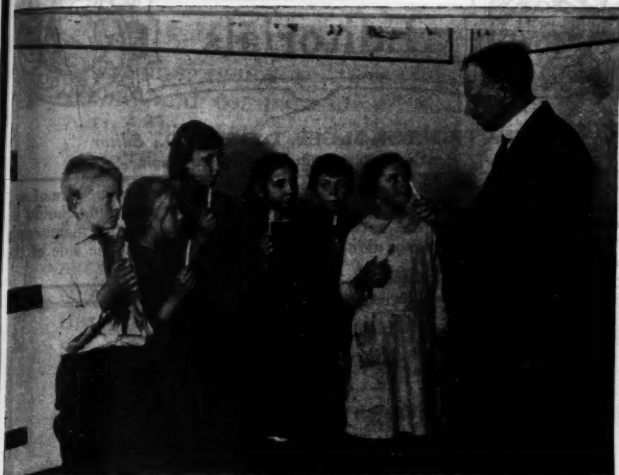


Exhibit Hall, Cleveland Public Auditorium.

U. & U.  
Doctor

U. & U.



U. & U.

Doctor Black, Dean of the Northwestern University's Dental School, giving a lecture on the use of the toothbrush in the new Dental Clinic for children.



U. & U.

The youngsters being "weighed in" to take their minds off the actual dental work.

# Editorials

REA PROCTOR McGEE, D.D.S., M.D., *Editor*  
212 Jenkins Building, Pittsburgh, Pennsylvania

The Editor welcomes manuscripts and will take best possible care of any submitted, but cannot be held responsible for them. Manuscripts should be accompanied by self-addressed stamped envelopes. Typewritten manuscripts are preferred and should be double-spaced and written on one side of the paper only.

## Seven Days



ACCORDING to Mr. Bryan and some other authorities, a lot was accomplished in the first seven days.

Since then there has been less done in one week—in fact there were some thousands of years when a little less than nothing was accomplished week after week.

About three hundred years ago scientific thought, as we know it, was evolved. Each week in these three hundred years has been productive of more and more benefit to the human race in the solution of the difficulties of living.

Natural law is slowly but surely becoming less of a mystery.

The science of living in accord with Nature's intent is gradually unfolding.

In the science of life—very few old ideas survive because so few of the old ideas were grounded in the basic truths.

Why are our modern ideas better than those of our ancestors? Simply because our knowledge, experience, scientific at-

tainments, opportunity for observation, record and comparison are so infinitely better than were theirs, that the modern kindergarten could give most of the old-timers a handicap and then beat them.

Wherever an ancient idea struck the foundation of real truth, that idea has survived. All honor to those, who, with their meager opportunities, looked through the ignorance and superstition of their time and rescued for our benefit the basis of our own wide development.

Since each week we live grows richer in knowledge and experience, we must realize that each week must be a little different, a little improved.

Our science is the mouth.

It therefore becomes our duty to take up the intensive organization of our oral hygiene and kindred committees throughout America and combine them into one great working body functioning under the American Dental Association for the intensive effort of one week each year devoted to public education in mouth hygiene and for the continuous year-in and year-out advancement of the science of the mouth in its relation to public health and welfare.

When you go to Cleveland take with you this thought and do your part to see that the importance of oral hygiene as a national movement receives favorable consideration.

Let us see what we can do in seven days.

## The Uniform



ON Tuesday, the second day of the American Dental Association meeting at Cleveland, the Association of Military Dental Surgeons of the United States in conjunction with the Army and Navy Section of the A. D. A. will have an all-day session of great interest to all dentists who saw service in the past, who may be connected with military organizations at present, or who will do their military duty in the future.

This means that practically every able-bodied, patriotic member of our profession will be interested in the meeting of the Military Association.

You are all invited—not only to attend the meeting—but, if eligible, to join the Association.

Wear your uniform on Tuesday—all day.

In the evening at 10 o'clock there will be a military get-together party that will be worth while in these days when fellowship is becoming a lost art.

Uniforms are to be worn at the evening party, also.

So, everyone who donned the khaki in the days of the Great War, should get out the old uniform, have it pressed, cleaned and repaired and the buttons set over a little and come prepared to take an active part at the military meeting.



## By Their Marks Ye Shall Know Them



UR Uncle Samuel has reached the wise conclusion that the dentist has a right to know who makes his instruments, and, furthermore, where they are made.

On comparatively large imported instruments, the name of the firm and country of origin has been placed, by government order, but now all small imported instruments will be included in this order.

This will particularly apply to dental burs. There is no doubt that proper marking of burs will be an advantage in the purchase of these very important aids to dental operations.

Hereafter, we will be able to select the desired quality with less uncertainty.



# Laffodontia

If you have a story that appeals to you as funny, send it in to the editor. He *may* print it—but he won't send it back.

"I've come to fix that old tub in the kitchen."

"Oh, mamma! Here's the doctor to see the cook!"

"What would you do if I kissed you?"

"I'd call my father."

"Where is he?"

"Out of town."

MAN (helping the dear young thing find a book in the public library): "Have you read 'Freckles'?"

DEAR YOUNG THING: "No, just plain old brown ones."

RANDALL: Was he half-seas over?"

ROGERS: "No, only three miles out."

—Life.

At a local movie, recently, one of the actors was a big chimpanzee.

"Ooh, look at the bamboo!" said one woman.

"That ain't no bamboo," corrected her companion. "That's a boom-crang."

"I don't see where we can put up this lecturer for the night."

"Don't worry—he always brings his own bunk."

"When are you going to pay for that X-Ray machine I sold you?"

DOCTOR DRILL: "Payforit? Why, you said that in a short time it would pay for itself!"

THE STEP-MOTHER: "It's perfectly awful! Do you know what your son has just called me? 'Filthy old nuisance!'"

THE FATHER: "You shouldn't let him be with the maids so much. The poor child repeats everything he hears!"

YOUNG DOBBS: "I want to try on that suit in the window."

SALESMAN: "Sorry, sir, but you'll have to use the dressing-room."

"Here, Annie, here's something for your birthday," announced an old Scotchman, handing his servant a check for five dollars, but with the signature line blank.

"Keep it, an' on your next birthday I'll sign it."

"What's Deacon Boggs looking so glum about?"

"He prayed to the Lord to deliver him from temptation when he went to the city, and the Lord did."

A microscopic youth, with a penny clutched firmly in his moist hand, stood on tiptoe in front of a candy counter, inspecting the goods. Nothing seemed to please him and finally the clerk, in exasperation, said:

"See here, young fellow, do you want to buy the whole world with a fence around it for a penny?"

The prospective purchaser meditated a moment and then replied:

"Let's see it."

BRUMMEL: "What do you think of Miss Primrose?"

TRUMMEL: "Oh, she's a very nice girl—"

BRUMMEL: "I don't like her much either."

VICAR: "Certainly I'll come and see your daughter if she is so very ill, but what church do you attend?"

CALLER: "We don't go to no church; we're chapel people."

VICAR: "Then why didn't you send for your own minister?"

CALLER: "We couldn't risk him—it's scarlet fever!"



## HALITOSIS

(AS DEFINED IN THE CENTURY DICTIONARY)

(*Hal-i-to-sis*) N. N. L.

(*L. Halitus*—Breath .i. *Osis*—Offensive)

Offensive breath, whether arising from diseased or neglected conditions of the teeth, mouth or nose or caused by disorders of digestion, respiration, the excessive use of tobacco, etc., may be readily overcome by the deodorizing properties of—

## LISTERINE

Listerine is strictly antizymotic, it inhibits alike the acid fermentation of carbohydrates and the alkaline putrefactive processes of mixtures of meat and saliva, retained as debris about the teeth; hence, Listerine is antagonistic to the activating enzymes of fermentation so often the cause of Halitosis.

Many dental practitioners who advise their patients to use Listerine daily as a mouth-wash, also keep Listerine in an atomizer on the dental bracket readily available for use prior to operations, in self defense against pronounced cases of Halitosis.

**Lambert Pharmacal Company**

Twenty-first and Locust Streets

St. Louis, Mo., U. S. A.

# MADE IN AMERICA **Traun's Golddust** **Dental Rubber** TRADE MARK REGISTERED

**"GOLDDUST" RUBBER—AND WHY**

Point 8—LOW COST

Considering the amount of work a dentist puts into the making of a vulcanite plate—from taking the impression right down through the dozens of necessary processes incidental to the plate's completion—he is often underpaid for his time and labor.

If, in addition, he employs a high price base rubber, he must either charge that the patient believes an exorbitant fee, or lose money on his work.

The light specific gravity of "GOLDDUST" Rubber makes it economical to use. One pound of it, averaging 36 sheets, will make 45 or 50 plates, at a cost (for the base rubber) of about 10 cents a plate.

**"GOLDDUST" THEREFORE IS LOW IN COST.**

(Another Feature of "Golddust" appears in next issue.)

### PRICES:

\$4.50 per pound.      \$2.25 per half pound.  
 1/5th pound sample box (about 7 sheets) \$1.00.

**ATLANTIC RUBBER MFG. CORPORATION**

SUCCESSORS TO

**TRAUN RUBBER COMPANY**

89-243 Fourth Ave. Dept. OH-8

New York

OH-8

Enclosed

\$1.00 for

Sample Box

of "Golddust"

Dr. ....

.....

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

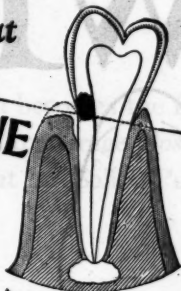
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# A new dental cream that halts Acid-Erosion at

## THE DANGER LINE



THE marginal line where the mucous membrane forms a union with the tooth structure is acknowledged to be the line of greatest danger from mouth acidity.

Bacterial and other acids accumulate under the free margin of the gums and cause softening and recession of the membrane. This is the incipient stage of pyorrhea.

The concentration of acidity at this line also causes extensive erosion and decay of the tooth structure, particularly upon the exposed surfaces of the roots following recession.

The neutralization of acidity and the lessening of bacterial colonization at The Danger Line will prevent a large per cent of cavities and bacterial invasion of the soft tissues.

### The Best Antacid

No product ever discovered is as safe and effective in neutralizing acidity as milk of magnesia. It is bland and harmless, but has an immense antacid reserve which promptly relieves all forms of mouth acidity. In addition, it leaves a fine deposit under the cervical margins, in the sulci and interdental spaces, so that its antacid properties are ex-

tended over a considerable period of time after its use.

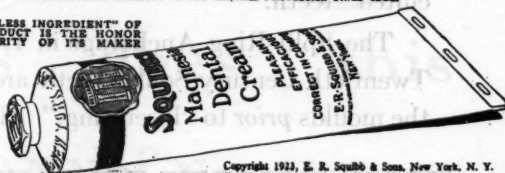
Squibb's Dental Cream is made with Squibb's Milk of Magnesia in a pleasantly flavored, concentrated form. It possesses the antacid properties of Squibb's Milk of Magnesia plus the essential cleansing and polishing ingredients of a correct dentifrice. It is entirely free from soap, acids, grit and astringents. While possessing a cleansing, antiseptic value equal to that of soap, it is positively harmless and very beneficial in soothing irritated surfaces, preventing Acid-Erosion, and also in the treatment of pyorrhea.

No misleading claims are made in connection with Squibb's Dental Cream. It is made and marketed with the highest regard for the scientific and ethical principles involved.

**E. R. SQUIBB & SONS, NEW YORK**

MANUFACTURING CHEMISTS TO THE MEDICAL PROFESSION SINCE 1896.

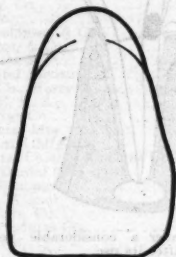
THE "PRICELESS INGREDIENT" OF  
EVERY PRODUCT IS THE HONOR  
AND INTEGRITY OF ITS MAKER



Copyright 1923, E. R. Squibb & Sons, New York, N. Y.

ON TO CLEVELAND! SEPTEMBER 10th-14th

# when



## this becomes this

Most all users of artificial teeth know that porcelain teeth are about 20% smaller when they come from the furnace than they were when they were put into the furnace as "biscuited" teeth.

The Split-Ring Anchorage in Trubyte and Twentieth Century Solila Teeth are placed in the moulds prior to "biscuiting." Hence when

### THE DENTISTS' SUPPLY

The makers of Perpodent now offer the

the porcelain contracts in baking, the Split-Ring "gives" with it and is *closed* when the teeth are completely baked.

So, we emphasize:

When the "biscuit" tooth becomes the finished tooth, the Split-Ring Anchorage *closes*, making the ideal attachment for Solila Pure Gold-Clad Pins.

# then



this does this

COMPANY of New York

ON TO CLEVELAND! SEPTEMBER 10th-14th



The makers of Pepsodent now offer the

# Decoater Brush

*Made to dental specifications*

Leading dental authorities have agreed on the proper type of tooth brush, and the Decoater is made to their specifications.

It accords with their requirements in

Shape	Separations	Number of Rows
Trim	Rounded Tufts	Length of Bristles

It is American made and well made—a very high quality brush. Yet the Home Style sells for 50c.

The brush length is  $1\frac{1}{4}$  inches. But the tufts are separate, so one has only to shave off one or two back rows where a shorter brush is desired.

## Pocket Style Decoater

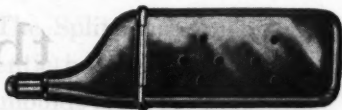
The Decoater is made in Home Style and Pocket Style. The Pocket Style folds into a ventilated metal case to fit the vest pocket or a lady's bag.

The case is permanent. The brush part, as it wears out, is replaced by refills. It is for children at school, men at business, travelers, motorists, etc.

Price \$1, complete. Refills, 50c.

We will send one Pocket Style for half price—for 50c—to any dentist who would like to try it. We will send you one Home Style free upon request.

Now sold by druggists in general.



*Pocket Decoater folds into a case like this*



THE PEPSODENT COMPANY

Decoater Brush Dept.

1104 S. Wabash Ave., Chicago

Harry J.  
341 E.  
Chicago  
Plea  
in Augu  
Dr.  
Street  
City a



## *“No A.D.A. meeting this year—can’t afford it.”*

More than one member of the profession is saying that to himself this month, men who are doing operative work of high character but who are being deprived of proper remuneration through the ineffective business management of their practices.

On the other hand more than three thousand dentists throughout America applying the Bosworth Efficiency System to the conduct of their practices, have learned to control their financial status to a degree they did not believe possible—substantially increasing their incomes while actually reducing the number of hours spent at the chair, providing time for recreation that is so vital to a dentist’s physical welfare.

Even though your practise is at present on a satisfactory financial footing, it is highly likely that the Bosworth Efficiency System will enable you to reduce the amount of time spent at the chair while maintaining or perhaps even increasing your present satisfactory income.

The coupon is provided for your convenience.

-----  
 Harry J. Bosworth Company,  
 341 East Ohio Street,  
 Chicago, Ill.

Please send me details regarding the Bosworth Efficiency System advertised in August ORAL HYGIENE.

Dr. ....

Street .....

City and State .....



## *A Book for Thinkers who are Interested in Success!*

OVER 200 pages "crammed" with practical suggestions assisting in establishing and building a successful dental practice.

### *Not a Catalog—Not a Sales Talk*

Twenty years to compile. The finest work ever written and published for the purpose.

*See offer on opposite page*

Ritter Dental Mfg. Co., Inc.  
Rochester, New York



# Many Successful Careers Have Their Start to a Simple, Sound Suggestion!

This book contains hundreds of them  
and may be had for the bare cost of com-  
position, paper, printing and postage.

*A few of the subjects covered:*



Choosing the right location and starting a  
practice.

How to make an analysis of farming commun-  
ities, residential sections, business-building loca-  
tions, industrial centers, suburban locations  
and ethical buildings.

How to classify patients on an hourly basis.

How to determine fees for child patients.

Dental estimates and their disastrous results.

Diagnosis, charging for it when indicated, and how to include it in the fee.

Self requisites which you must have in order to be successful in the management of  
patients.

Personal appearance when away from the office and how to capitalize it.

Health talks to be given to patients.

Increased income without increasing fees.

Collection systems and letters; proper stationery forms.

Legal forms covering partnership agreements or working agreements between dentists;

Relations with Dealers and Manufacturers. Overhead, its items and how to figure.

Factors of demand and supply affecting the success of the individual dentist.

Dental Mfg. Co., Inc.

Date

1923

Water, N. Y.

Enclosed—

Send find check, express or postal money order for \$2.00 for which send me a copy of your book,  
"Practice Building Suggestions" with the understanding that if I am not satisfied after I have  
a reasonable length of time in which to examine it, that it may be returned and the purchase price  
be refunded.

Signed .....


Street Address .....

City and State .....

Kindly print name and address to prevent any error.

ON TO CLEVELAND! SEPTEMBER 10th-14th

Rt. keep gums firm.



Some people try to doctor themselves, but even they don't attempt to be their own dentists. See your dentist regularly, twice a year at least.

5—See your dentist twice a year

**COLGATE'S**  
Cleanse

Torn from a  
recent magazine

This sound advice is  
published in more than  
40,000,000 copies of mag-  
azines and newspapers.

A generous supply of samples will be sent post-paid to professional friends upon request.

**CLEANS  
TEETH THE  
RIGHT WAY**

Washes and Polishes  
Doesn't Scratch  
or Scour



**DENTAL DEPT.  
COLGATE & CO.**  
Established 1806

199 Fulton St., New York

Truth in Advertising  
Implies Honesty in  
Manufacture



**ON TO CLEVELAND! SEPTEMBER 10th-14th**

A Summer Aid for the Home or a  
Dependable Vacation Companion

# Sodiphene

TRADE MARK REGISTERED

*"First Aid for the Family"*

The summer uses of Sodiphene make it a true aid for the home and a dependable traveling or vacation companion for any member of the family.

Dentists will be glad to know that, in addition to its many uses in the dental office, Sodiphene is effective for sunburn, mosquito and chigger bites and poison oak and ivy. Of course, there are the year 'round uses for cuts, burns and bruises, these injuries proving particularly dangerous in the hot summer months as a result of infection.

A bottle of Sodiphene on the summer vacation proves a valuable insurance policy.

If you have not given Sodiphene a thorough trial,  
send for liberal professional package. Address—

THE SODIPHENE COMPANY

928 Central Street

Kansas City, Missouri.



\$1.  
per  
can

Use

## Knapp's Investment

It neither shrinks nor expands, because it does not lose its water of crystallization. Yet it eliminates the wax in eight minutes.

*Just send this ad  
for information.*

M. F. Patterson Dental Supply Co.

406 6th Ave. So.

MINNEAPOLIS

## Don't YOU want an inlay wax like this?

*Sample free, so that you may  
check us up on our statements  
about*

## DR. PECK'S Improved Inlay Wax

1. Soft and pliable when warmed; hard and tough when chilled.
  2. Will not distort in handling.
  3. Will not shrink nor expand.
  4. Carves without chipping.
  5. Burns out absolutely clean.
  6. Purple color gives strong contrast; assures accurate, rapid work.
- Three styles: sticks, cones, assorted.

*Send for the samples*

A. E. PECK MFG. CO.  
Minneapolis, Minn.

U.S.A

ON TO CLEVELAND! SEPTEMBER 10th-14th



## Salivary Glands are important factors in oral cleanliness

A distinguished dental surgeon recently said that "the most important treatment of mouth infection is the mechanical removal of masses of disease germs from the teeth and gums."

Without the aid of the saliva such mechanical aids to mouth cleanliness as the tooth brush, the antiseptic mouth wash and dental floss are not thoroughly efficient.

Saliva automatically cleanses the teeth and gums. Alkalinity counteracts the acids which are constantly forming in the mouth.

But the salivary glands, today, need artificial stim-

ulation if they are to function as nature intended they should. PEBECO TOOTH PASTE gives the salivary glands that gentle stimulation which assures a continuous flow of alkaline saliva.

PEBECO TOOTH PASTE performs the two-fold task of stimulating the flow of the salivary glands; and of polishing the surfaces of the teeth.

Dentists will find it particularly efficacious for keeping gold bright and clean.

*We will be glad to furnish samples for distribution at the chair*

# PEBECO

REG. U. S. PAT. OFF.

## TOOTH PASTE

*Manufactured only by*

**Lehn & Fink, Inc.**

635 Greenwich Street

New York City

ON TO CLEVELAND! SEPTEMBER 10th-14th



## What will your patients say about you?

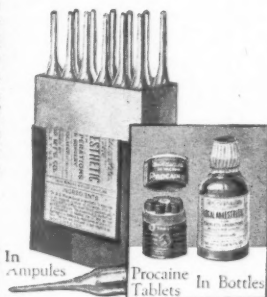
If you use Waite's Antiseptic Local Anaesthetic "In Ampules," your patients will praise you over the tea cups. The individual ampules please patients. The perfect, lasting, positive anaesthesia will enable you to work without inflicting pain. Its soothing, healing, antiseptic base eliminates after pains and soreness.

The ampules are sterilized after they have been filled and tested for sterility in our own bacteriological laboratories. Every trace of foreign substance is removed in our laboratories by Pasteur filters.

### Sample Box of Ampules FREE

on receipt of your professional card or letter-head. Mail the coupon.

Waite's Antiseptic Local Anaesthetic is also sold in Bottles.



### Nerve Blocking Book FREE

will quickly make you a master of this new and profitable science without private lessons or a post graduate course. See offer on coupon.

The Antidolor Mfg. Co.  
80 Main Street  
Springville, Erie Co.  
N. Y., U. S. A.

Branches:  
Fort Erie, Ont.  
Paris, France

# Waite's

## ANTISEPTIC LOCAL ANAESTHETIC

2% Procaine or 1% Cocaine

## In Ampules!

### Check, Sign and Mail this Coupon

- ☐ Send me sample box of ampules, free.
- ☐ Ship the following order through

(Name of dental depot)

and mail me Waite's Nerve Blocking Book FREE with any of the following offers:

- ☐ 12 ounces or ☐ 12 boxes 1½cc Ampules of Waite's Local Anaesthetic, \$8.40.
- ☐ 12 boxes 2½cc or ☐ 12 boxes 3cc Ampules \$10.20.
- ☐ Waite's Complete Nerve Blocking Outfit for making all injections. Value \$13.60, all for \$12.00.

Name.....

Address.....

# When yellow is a danger signal ~ and white means safety



**YELLOW** is a danger signal when it appears in procaine tablets. It means that one of the ingredients has decomposed and that the anaesthetic value of the tablets is practically nil. Between the time that the procaine tablets are made and the time they show signs of turning yellow, the atmosphere is gradually sapping their strength—and there is no way of telling how much anaesthetic strength they possess. But, white procaine tablets only mean safety when they are Waite's, packed by our secret process in "vacuum" vials.



The pure white tablets in Waite's "In Vacuum" vials are your assurance of perfect, positive anaesthesia every time. Each tablet is fresh and full strength because it has been protected against oxidation.

Waite's "In Vacuum" Procaine Tablets are the best procaine tablets money can produce, and there is no guessing as to their strength when you use them.

THE ANTIDOLOR MANUFACTURING CO.  
80 Main St., Springville, Erie Co., N. Y., U. S. A.  
Branches: Fort Erie, Ont.; Paris, France

## *Waite's* **IN VACUUM** PROCAINE TABLETS

**\$2 Package \$1**

**Introductory Offer**

\$2.00 package of 100 Waite's (E) Tablets, Procaine 0.02 gram—Epinephrine 0.00005 gram for \$1.00. See particulars on coupon.

### SIGN AND MAIL THIS COUPON

Enclose professional card or stationery. Only one order to a dentist—money returned to anyone ordering twice.

THE ANTIDOLOR MFG. CO.,  
Springville, Erie Co., N. Y., U. S. A.

Enclosed find \$1.00 for which send me a \$2.00 package of 100 Dr. R. B. Waite's "In Vacuum" Procaine Tablets. I have not taken advantage of your offer before.

Name.....

Address.....



In Bottles   In Ampoules   Procaine Tablets

## Closeups of Patients—No. 8



### "Tres Charmant"

#### *You'll be Surprised—*

how much your patients will appreciate Lily Service. Test it free! Your card and the name of your dental supply house will bring a generous trial package.

—and your fashionable patient is indeed charmed by the dainty cleanliness of the cup that is for her lips alone—the Lily Cup.

For your part, you'll appreciate the convenience of the Lily—a cup always ready without trouble.

PUBLIC SERVICE CUP COMPANY  
Bush Terminal Brooklyn, N. Y.



Serve in a

# LILY



ON TO CLEVELAND! SEPTEMBER 10th-14th

# Why

Why use pumice and things for prophylaxis—an abrasive agent, a polishing agent and an antiseptic—when these three essentials are *united* in Prophylax-O Tablets (Gardner).

This unit form speeds up the prophylactic operation—enables you to do better work in less time than is possible under the old-time mussy, messy methods.

So, *why* not?



And here's the coupon that brings free samples.

Ellis-Jones Drug Co., Memphis, Tenn.  
Please send free samples of Prophylax-O Tablets (Gardner)

Dr. ....

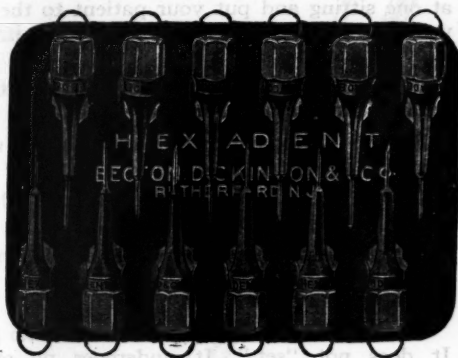
Address .....

Dealer .....

ON TO CLEVELAND! SEPTEMBER 10th-14th

**B-D PRODUCTS***Made for the Profession***HEXADENT NEEDLES**  
EXAGON DENTAL

THE RESULT OF MORE THAN 20 YEARS OF EXPERIENCE IN MAKING HIGH-GRADE NEEDLES

**Steel, Gold, Platinum-Iridium**

NEEDLES FOR EVERY PURPOSE

SOLD BY DENTAL DEALERS EVERYWHERE

*If you have not used Hexadent Needles, fill out the coupon below.***BECTON, DICKINSON & CO.**  
RUTHERFORD, N. J.

Kindly mail FREE SAMPLE of HEXADENT NEEDLE.

Name .....

Address .....

Name of Dealer .....



# While Your Patient

When you use the Smith Cupels in connection with the No-plaster Method of inlay casting, you complete the operation while your patient remains seated in the chair.

It is entirely unnecessary to prepare the pattern at one sitting and put your patient to the inconvenience of returning to your office to have the inlay inserted.

It is also unnecessary to have your patient return because the inlay does not fit.

For the investment material used in this method cannot shrink or expand.

Its use does not involve any change whatever in the technique you already employ.

Cupels simply provide means for the almost instantaneous absorption of the water from the Investment Compound.

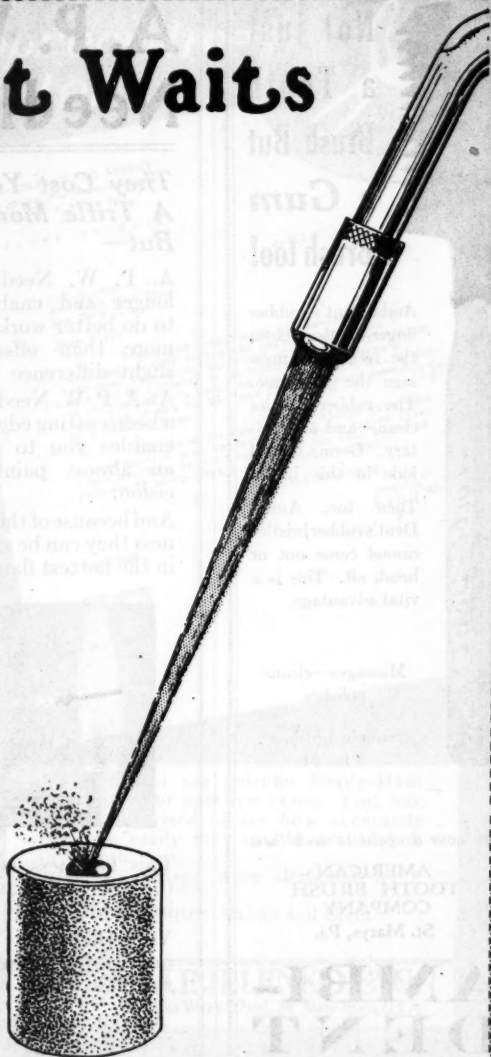
The Investment Compound contains no plaster. It does not "set." It undergoes no chemical change. This is what makes it possible to bring the cupel containing the investment in direct contact with the flame of your Bunsen Burner within five seconds from the time the Investment is poured.

By this method you can prepare and invest your wax pattern, cast the inlay and insert it in less time than you can complete an amalgam filling.

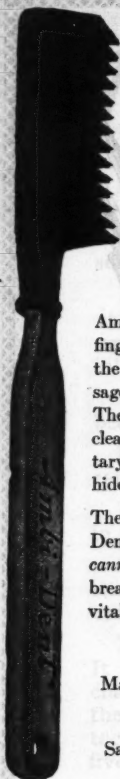
Send for the book which will acquaint you with details of the greatest advance that has been made for a generation in this branch of dentistry.

**LEE S. SMITH & SON MFG. CO.**  
**PITTSBURGH, U. S. A.**

# Patient Waits



ON TO CLEVELAND! SEPTEMBER 10th-14th



**Not just  
a Tooth  
Brush But  
a Gum  
Brush too!**

Ambi-Dent's rubber finger-bristles clean the teeth and massage the gums, too. The rubber bristles clean—and are sanitary. Germs cannot hide in this brush.

Then too, Ambi-Dent's rubber bristles cannot come out or break off. This is a vital advantage.

Massages—cleans  
polishes

Sample brushes:  
3 for \$1

*Ask your druggist to stock them.*

**AMERICAN  
TOOTH BRUSH  
COMPANY**  
St. Marys, Pa.

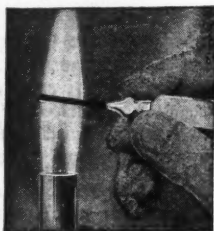
**AMBI-  
DENT**  
DR. H. B. MARSH

## **A. P. W. Needles**

***They Cost You  
A Trifle More  
But—***

A. P. W. Needles last longer and enable you to do better work, which more than offsets the slight difference in cost. An A. P. W. Needle holds a keen cutting edge which enables you to produce an almost painless incision.

And because of their hardness they can be sterilized in the hottest flame.

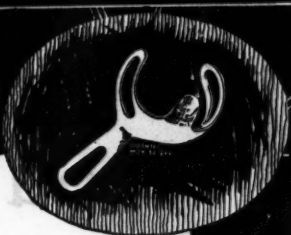


This hardness is due to the fact they are 30% Iridium and 70% Platinum. Yes—they cost a trifle more, but they are worth it.

American Platinum Works,  
N.J.R.R. Ave., at Oliver St.,  
Newark, N. J.

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# An Appreciative Letter.



Dr. ORANGE REO KELLEY  
Two Hundred West Seventy-second Street  
NEW YORK CITY

Dental Surgeon

April 12, 1923

J.F. Jelenko & Co.,  
136 West 52nd St.,  
New York City.

Dear Sir:-

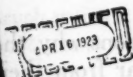
I have had occasion to use several of your ready-made clasps during the past few weeks and I have been pleasantly surprised at the ease with which they can be adjusted to an accurate fit. Seeming to slip right into place as though made for it. Doubtless this is due to the fact that they were made designed by a practical man.

I believe the use of these clasps will save a busy dentist much valuable time while giving first class service, as they conform to the most approved methods of clasp design for partial dentures.

Very sincerely,

OR Kelley

OR/KEM.



You should use Jelenko Ready-Made Clasps on your next few cases. You, too, will be surprised to see how accurately and how easily they can be adjusted to any tooth.

Jelenko Clasps were designed by a practical man.

All the better dealers sell them.



**J.F. JELENKO & Co.**  
136 West 52nd. St. New York, U.S.A.

# Reasons why you will want Hood's Golds

**1—**Consider Hood's 58 years of experiment and experience in the making of dental golds

*and add*

**2—**The fact that assayers' tests show Hood's Golds to have a "higher than usual" gold content

*and then add*

**3—**The hearty endorsements of dentists wherever Hood's Golds have been introduced

*and you have*

a convincing sum total of reasons why the use of Hood's Golds is extending far from their home town.

*Write us for the names of dealers nearest you who carry Hood's Golds and who will be glad to supply you.*

**JOHN HOOD COMPANY**  
**178 TREMONT ST., BOSTON**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# The Newest Rolling!

Have you seen the new ROLLING Rx? It is the one and only tooth brush, perfectly shaped like all ROLLINGS are, long curved bone handle, to insure a firm grasp, small as to size, dainty in appearance, bristles strong and resilient.

The dentists are recommending it. It is the only tooth brush of its kind, and may well be called "the dentist's ready assistant."

Every brush warranted.

Samples 65 cents each, postage prepaid.

ALL ROLLING brushes are imported.

THE ROLLING TOOTH BRUSH  
COMPANY,  
Montclair, New Jersey.

The new ROLLING Rx brush has been suggested by Dr. F. S. McKay, New York City, in conformity with the growing conviction that the brushes in general use have been entirely too large to reach and make contact with the tooth surfaces and properly frictionize them, particularly those teeth which are located in inaccessible positions in the mouth.





For nine years we've  
been using our own  
words in describing  
the virtues of Smith's  
Copper Cement,  
but now we'll let  
the Profession  
speak.

*"It works wonders  
where all decay  
has been removed  
and a brown area  
still remains"*

—So writes a doctor in  
Philadelphia, Pa.

His letter is on the op-  
posite page.

LEE S. SMITH & SON MFG. CO.  
PITTSBURGH, U. S. A.

Lee S. Smith & Son Mfg. Co.,  
Pittsburgh, Pa.

Gentlemen:-

I have been using your Copper Cement for the last four years.

It has worked wonders for me in cases where all decay has been removed and a brown area still remains. I trust the Copper Cement to act both as a good intermediate for filling and something that will arrest the further progress of decay.

My record shows that several fillings of which your cement was the base, are still perfect, and no doubt the dentine unharmed, after four years.

Wishing you continued success, I beg to remain,

Very truly yours,

(Name on request.)

*It will  
not  
discolor  
in the  
mouth*



ON TO CLEVELAND! SEPTEMBER 10th-14th



What they say about

## DENTMEDIC

It is a positive Pulp Capper and Cavity Lining

### ALL IN ONE

Easily applied, stays put. Does not run into retention points.

Warm bottle over flame a few seconds before shaking, apply DentMedic with loop broach.

Thousands of dentists are using DentMedic with best results.

Price \$1.50

Order of your dealer

Distributed by

The

Ransom & Randolph Co.

## DENTMEDIC LABORATORY

3318 E. 55th St.

Cleveland, Ohio.

### BENKO

#### Cast Bronze Signs

Your name and profession cast in bronze.

#### The *Ethical Dental Sign*

At your DENTAL DEALER or

BENKO BROS.

117 East 15th Street  
New York City

A Benko Sign is Never Replaced.

### Study Mechanical Dentistry in California

Study mechanical dentistry in California—where living conditions are right and the dental field is under-manned. Special tuition fees in the School of Mechanical Dentistry are offered—subject to withdrawal at any time. Ask for information now. We have operated successfully since 1919 as the only institution of its kind on the coast.

School of Mechanical Dentistry  
229 Higgins Bldg., 108 W. 2nd St.  
Los Angeles, California

Serving the Profession for More Than Sixty Years  
Insist Upon

**"THE OLD RELIABLE."**



If your dealer is unable to supply you, address  
W. H. CLERKE, Special Agent 1136 Venango St., Philadelphia

ON TO CLEVELAND! SEPTEMBER 10th-14th

**HAY-FEVER—is coming!**

## KONDON'S CATARRHAL JELLY

Does much good in warding off the attack which comes about August 11th every year.

Begin at once to recommend **KONDON'S CATARRHAL JELLY** to your patients and friends.

For HAY-FEVER, colds of all kinds, stopped up nose, inflammations of skin and tissue.

Thousands of Dentists, Physicians and nurses recommend **KONDON'S CATARRHAL JELLY**. Ask us for trial tube and samples FREE.

**KONDON'S—Minneapolis, Minnesota**



## Procaine ALVATUNDER

*The Perfect Anesthetic*

A stable stock solution that requires no mixing, no dissolving. ALWAYS ready for use.

NON-TOXIC NON-IRRITANT  
ISOTONIC

Sample free. No narcotic blank required.

The cocaine form of ALVATUNDER is supplied also.

**Hisey Dental Manufacturing Co.**  
St. Louis, Mo.

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

## IRREGULAR TEETH

ARE THE CAUSE OF  
PARTIAL DENTURE FAILURES

*Why Not Have  
SUCCESS?*

Why "sweat blood," as one dentist said, by trying to fit a partial denture with clasps over crooked teeth, when by the use of one or more

### Kayle Clasp Attachments

your clasps will glide easily over teeth, without opening them, take off stress and strain, allow teeth to function naturally, and attain suction.

*Send for Booklet.*

**Kayle Co., Inc.,** 220 West 42nd Street,  
NEW YORK CITY.

Phone: Chickering 5850

## FLECKS RED COPPER CEMENT

IS ONE OF THE  
FINEST THINGS  
WE HAVE USED  
IN OUR CLINIC  
in Denver, and we  
have tried everything  
that has been put on  
the market.

*From Proceedings of  
American Dental Ass'n  
Los Angeles, July, 1922*

Genuine Ivery Pyralin Finish  
In Leather  
Case \$1.00



Lasts a  
Life  
time  
Refills  
15c  
10 yds.  
Flat  
Floss

Inform your patients that 90% of all FATAL decay starts between teeth. Send \$1.00 and receive one extra "FLOSSY" FREE for demonstration. Then have your druggist stock them for your patients.

Our Safety Guide is with a "Natural" bite—self limiting—no harm to gums.

Flossy Dental Mfg. Co.,  
Miac. Cat. Free

Dept. 11.  
Evanston, Ill.

ON TO CLEVELAND! SEPTEMBER 10th-14th

# A stove pipe joint

Is all right for joining a stove pipe, but all wrong when used in the construction of the platinum coping used in porcelain jacket crowns.

Yet, heretofore, owing to the difficulty of soldering platinum, stove pipe joints in this delicate class of work have been inevitable. Li-Go-Sol the Liquid Gold Solder solves this important problem.

With it platinum may be soldered as readily as gold. And when the operation is completed there will be no excess of solder to dispose of.

Neither will the coping be thicker at one point than another.

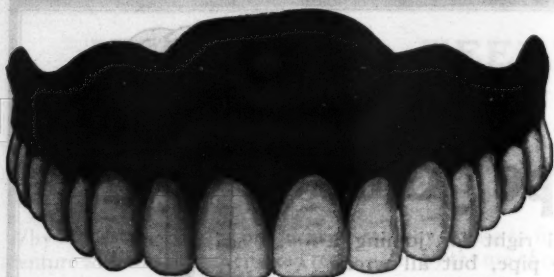
But it will be just as pliable as if it had not been soldered at all.

Send for booklet which describes in detail how this operation is performed.

**Lee S. Smith & Son  
Mfg. Co.  
Pittsburgh, U. S. A.**

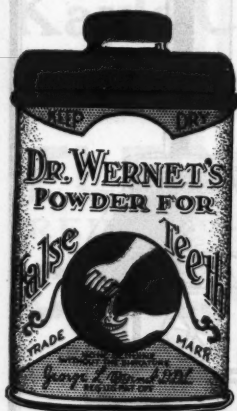


**ON TO CLEVELAND! SEPTEMBER 10th-14th**



# No Sore Mouth.

The ORIGINAL  
Plate Powder



Wernet's Powder sprinkled lightly on a new denture will give instant adhesion. Stops gagging. Does not allow "rubber sore mouth" or "blisters." Soothes the hyper-sensitive palate. Satisfies the anxious abnormal mental expectancy of "instantly perfect fitting" teeth. Try it, Doctor.

## Dr. Wernet's Does These Things

- 1—Gives instant adhesion ("Suction").
- 2—Permits patient to eat meals the first day in comfort.
- 3—Stops any tendency to gag or vomit.
- 4—Enables patient immediately to talk properly.
- 5—Prevents rubber-sore mouth.
- 6—Overcomes nervous habit of pushing plate with the tongue.
- 7—Prevents despondency and disappointment.
- 8—Keeps patients cheerful and confident.
- 9—Creates satisfied patients and builds your practice.

## H. R. LATHROP

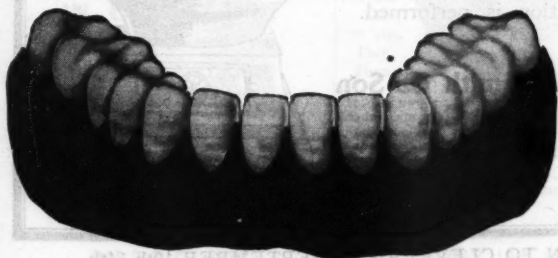
U. S. S. S. S.

116 N. St.

New York.

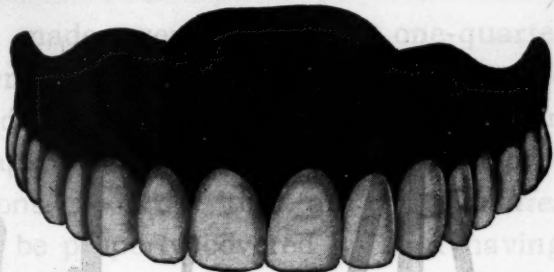
Sold by drug department stores and by house

WERNET & CO.



ON TO CLEVELAND! SEPTEMBER 10th-14th





# Dr. Wernet's Powder

## Dr. Wernet's Powder for False Teeth

(A White Powder)

The latest tool in Dentistry. In color, taste, fragrance, and adhesive action vastly superior to any other apparently similar preparation.

## Dr. Wernet's Powder for False Teeth

(A White Powder)

is being widely used by the profession

To keep cotton rolls from slipping and sliding

To stop any tendency to gag or vomit

On partial plates after extraction

On temporary plates

On plates for flabby ridges

On old plates after changes have been made in them

To eliminate bite plate trouble

To cure blister or sore spot after plate has been trimmed

## ROCOMPANY, Inc.

U. S. S. S. S.

116 N. St.

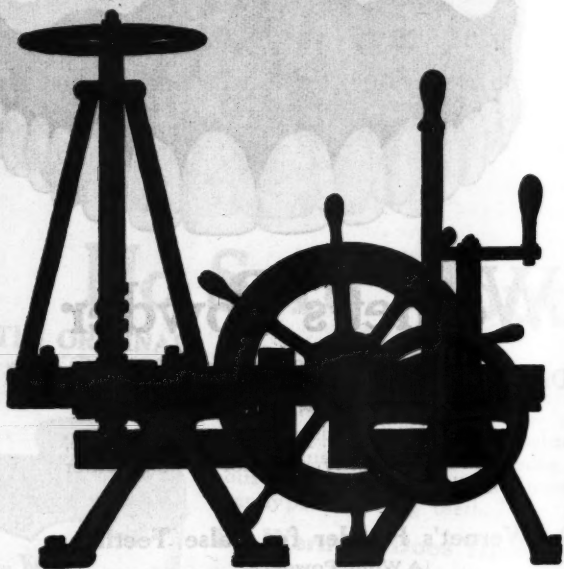
New Y.

d by department  
res and by houses.

ERNET FG. CO.



ON TO CLEVELAND! SEPTEMBER 10th-14th



## You can't stretch boards nor crowns

Did you ever see a board stretcher? Well, we never did either; but we told the artist to draw one and the illustration is the result.

As far as we know you cannot stretch boards nor porcelain crowns, and that is why the neck diameters of Trubyte crowns

were made over-size, that is one-quarter millimeter larger all around, making the total diameter one-half millimeter more than average natural roots of corresponding proportions, in order that all *irregularities* could be properly covered without having to resort to cast copings.

Many a country boy has been sent to a neighboring farm for a board stretcher—and has lugged home a box full of scrap iron!

Better select a Trubyte crown than try to make any other porcelain crown "do".

You can't stretch porcelain and you can't grind it *on*, so select the crown with

### "Enough Neck to Grind"

then you'll be sure of a proper fit.

Besides fitting all roots, Trubyte crowns match practically all teeth with such fidelity that they seldom require alteration.

Your Dealer or Direct

THE DENTISTS' SUPPLY CO.

NEW YORK





Gold Medal Cabinet  
Style 108

## "Lest we forget"

**T**HE Harvard style 108 Gold medal cabinet (Panama Exposition Award) is the original modern work-top cabinet with all *full rounded corners*.

One of the **FIRST** equipped with modern white glass instrument trays.

The **FIRST** cabinet with the massiveness, finish and quality of a piano.

The **FIRST** really aseptic design in the cabinet art.

A cabinet without molding, panels and dirt catching corners. Unequalled in workmanship.

A cabinet rich in its simplicity.

We added recently to the regular equipment a drawer with special prophylactic trays and equipped another drawer with prophylactic instrument rack.

Styles change, new designs are made at higher and lower prices, but the **HARVARD 108** stands as in the beginning, the one large, massive, beautiful efficient, artistic cabinet, the peer of them all.

Selected for some of the largest and most beautiful government clinics and bought at a higher price than any offered by us and others.

We have many testimonials but never a complaint from a user. The additional charge over the average cabinet is justified by the satisfaction it gives to the dentist, the assistant and patients.

We like to give special information on this cabinet, we have many other styles with a handsome booklet describing same. Yours for the asking.

# HARVARD

THE HARVARD COMPANY

Canton, Ohio

ON TO CLEVELAND! SEPTEMBER 10th-14th

## Back of the Patient's Smile

—will be a denture that looks like the natural gums if you veneer with

### *McCormick's Blended Pink*

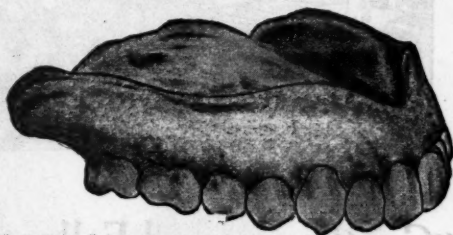
Blended Pink Rubber used in combination with the following McCormick BASE RUBBERS makes an ideal denture: No. 3 Dark Orange, No. 6 Maroon, No. 4 Light Red, No. 18 Red Weighted, No. 22 Olive, No. 25 Gold Flake.

E. J. McCormick Rubber Co.

Lodi, New Jersey

\$2.50 per  $\frac{1}{4}$  lb.  
box

Your dealer or  
direct



"The Pink  
of Perfection"

*Versus*

# NATURE?

Oleoseptine does not fight natural function. On the contrary, it works in close harmony with Nature's own antiseptic—saliva. This is vitally important. Oral antiseptics that quarrel with Nature's own method for promoting oral hygiene cannot possibly be so effective as one which, stimulating salivary flow in cases where it is subnormal, is neutral in its action upon ptyalin, the digestive principal of saliva.

Oleoseptine is unique. Its results are what we want you to see for yourself.

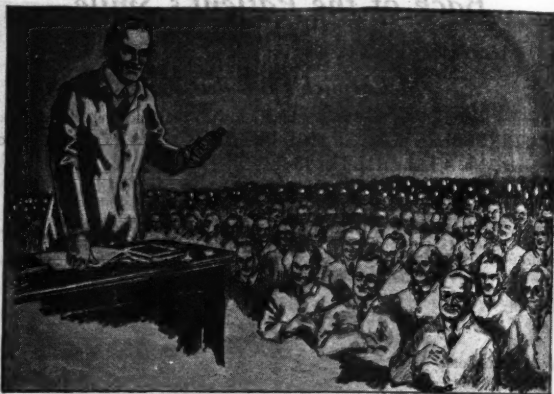
Try prescribing a small bottle to your next ten patients. Have them use it daily and you, too, will be enthusiastic over Oleoseptine.

**The Foster Laboratory**

95 Roseville Avenue

Newark, N. J.

ON TO CLEVELAND! SEPTEMBER 10th-14th



## **"Gentlemen, and Fellow Dentists"**

### **Are you carrying Good-Will Insurance?"**

"What would it mean to you, if you could carry insurance, with 100% protection, guaranteeing you the faith and good-will of every extraction patient after he has left your office?"

"You CAN be so insured: you can be assured that post-pain, that bugbear of every dental surgeon, will not later develop to mar an otherwise successful operation.

"20,000 dentists are now so insured. They are regularly recommending and prescribing SEDAVOL. SEDAVOL has been called the perfect anodyne. It is rapid in action and absolutely harmless and non-depressant. It is unsurpassed as a premedicament and for post-operative pain control."

If you are not already one of the 20,000, we would be glad to submit you proof of our statements. Just send us your card or letterhead, or better still, just tear out this ad signing your name and address. Upon receipt of your request, we will promptly send you a convincing sample.

**Dental Pharmaceutical Co., Inc.**

**Holton, Kansas**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# Carpule Prices Adjusted to Quantity Basis



**D**ENTISTS who buy Cook's Carpules in lots of a dozen boxes or more, are entitled to the "quantity price."

Cook's Carpules ("ampules in cartridge form" for local anesthesia) were formerly bought by the Dentist at \$1.20 per box of one dozen Carpules. The new basis gives direct to the Dentist the full quantity-discount of 16 $\frac{2}{3}$ %—

**—Twelve Boxes for the price of Ten.**

*Order from Your Dealer*

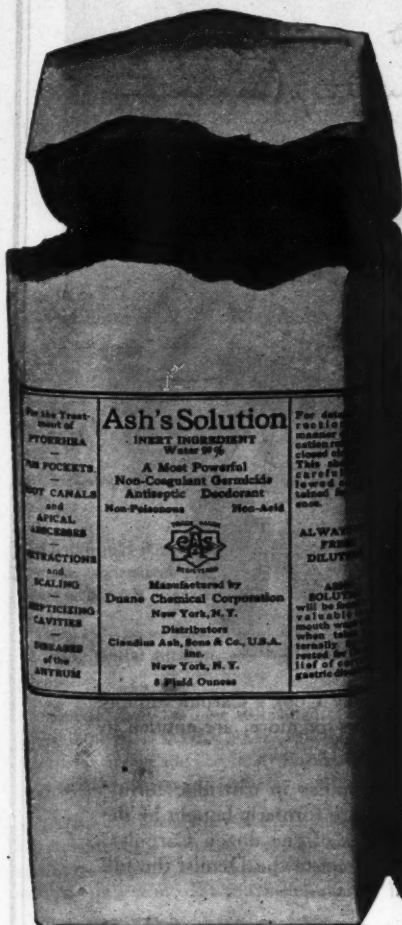
**ON TO CLEVELAND! SEPTEMBER 10th-14th**



*Indorsed by Many Prominent  
Members of the Dental Profession*

# Ash's

*For treatment of pyorrhea,  
abscesses, scaling and extraction*



For the Treat-  
ment of  
**PYORRHEA**

**PUS POCKETS**  
—  
**ROOT CANALS**  
and  
**APICAL**  
**ABSCESSSES**

**EXTRACTIONS**  
and  
**SCALING**

**ASEPTICIZING**  
**CAVITIES**  
and  
**DISEASES**  
of the  
**ANTRUM**

## Ash's Solution

**INERT INGREDIENT**  
Water 97%

**A Most Powerful  
Non-Coagulant Germicide  
Antiseptic Deodorant**  
Non-Poisonous Non-Acid

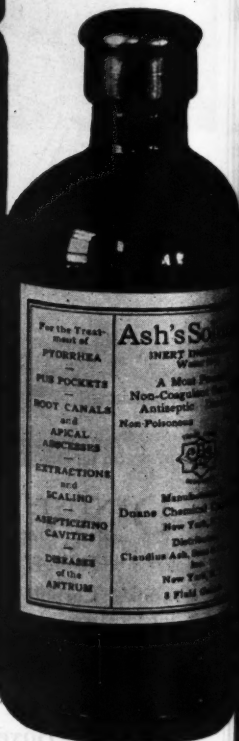


Manufactured by  
**Duane Chemical Corporation**  
New York, N. Y.  
Distributors  
**Claudian Ash, Sons & Co., U.S.A.**  
Inc.  
New York, N. Y.  
6 Field Canece

For detar-  
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manner  
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This  
careful  
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ence.

**ALWAYS  
FRESH  
DILUTION**

**ASH'S  
SOLUTION**  
will be  
valuable  
mouth  
when  
ternally  
rested  
list of  
gastric



For the Treat-  
ment of  
**PYORRHEA**

**PUS POCKETS**  
—  
**ROOT CANALS**  
and  
**APICAL**  
**ABSCESSSES**

**EXTRACTIONS**  
and  
**SCALING**

**ASEPTICIZING**  
**CAVITIES**  
and  
**DISEASES**  
of the  
**ANTRUM**

## Ash's Solution

**INERT INGREDIENT**  
Water 97%

**A Most Powerful  
Non-Coagulant Germicide  
Antiseptic Deodorant**  
Non-Poisonous



Manufactured by  
**Duane Chemical Corporation**  
New York, N. Y.  
Distributors  
**Claudian Ash, Sons & Co., U.S.A.**  
Inc.  
New York, N. Y.  
6 Field Canece

**A Most Powerful Non-coagulant, Non-toxic, Non-acid  
Germicide, Antiseptic and Deodorant.**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# Ash's Solution



ment pyorrhea, pus pockets, root-canals and apical  
scalid extractions, diseases of the antrum, prepa-  
tion of cavities and many other purposes.

Ash's Solution is a non-coagulating germicide innocuous to tissue, having five times the germicidal power of pure Carbolic Acid.

In other words, a non-acid, non-tonic, non-coagulant germicide, which does not impair living tissue, yet has penetrating and dissolving powers on pus and other tissue products. Destroys all forms of bacterial life which produce inflammation and infection.

## IN PYORRHEA

fortnight's Treatment usually gives most encouraging results.

Thorough removal of all the tartar is, of course, essential to success, but at the first visit in your own discretion—no scaling need be attempted. Simply apply Ash's Solution to the pockets with an ab-

scess syringe, having a vulcanite or platinum nozzle, (or with a cotton-wool swab if such a syringe is not available), and dismiss the patient with instructions to use Ash's Solution, diluted, as a mouth wash every three or four hours; and, since pyorrhea is often aggravated by systemic disorders, to sip, about half an hour after each meal half a glass of water to which has been added from 9 to 15 drops of the Solution.

Put Ash's Solution to the test and see whether the result you obtain in a fortnight's time will not encourage you to persevere with the treatment.

## Directions for Use are Enclosed With Each Bottle

4 oz.	8 oz.	16 oz.	32 oz.
\$1.00	\$1.50	\$2.50	\$3.50

Non-acid CLAUDIUS ASH SONS & CO., U. S. A. Inc.

1 and 3 UNION SQUARE, NEW YORK



## The Fifth Great Step in the Perfection of Filling Materials--

**G**OLD, SILVER ALLOY, OXYPHOSPHATE CEMENTS and PORCELAIN for fused restorations have been perfected and standardized to a point where the dentist may be assured of wholly reliable and uniform materials.

The S. S. White Dental Mfg. Co. will not be denied the credit for serious work in each of these developments; its contributions to the cause of better materials are certainly recognized throughout the dental profession.

Now, after more than six years' research, our laboratories have produced a plastic filling material for translucent restorations, with a complete technique for mixing, inserting, color study, and color matching—a comprehensive development.

### S. S. White Filling Porcelain

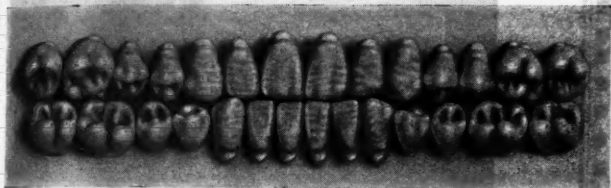
In Twelve Colors

Single Color Packages, Assortments and Complete Equipments

Booklet free on Request

The S. S. White Dental Mfg. Co.  
Philadelphia

# Putting Life Into Porcelain Teeth



Can you hope for a more lifelike porcelain tooth than has ever before been at the service of dentists?  
You can.

## In the new S. S. White "Natural" Porcelain Teeth

The porcelain is new in its finess of texture, its perfect reproduction of nature's translucence, its delicacy of coloring and blending, its distribution of color in the individual teeth.

The colors themselves are a notable departure from the "shades" heretofore used.

The forms are natural carvings in the accepted typal classification, Square, Tapering, Ovoid.

The attachment is a soldered-in nickel pin, gold-incased, so designed that when the soldering-in is completed, the pin is double-headed.

*Our booklet, "Character in Porcelain Teeth," tells the entire story. Those who have not received it have only to ask for it to get it free.*

**The S. S. White Dental Mfg. Co.**

*"Since 1844 the Standard"*

Philadelphia

ON TO CLEVELAND! SEPTEMBER 10th-14th



# The Slow Mix Reduces the Risk of "Leaky Fillings"

The S. S. White Dental Mfg. Co.

ON TO CLEVELAND! SEPTEMBER 10th-14th

**T**HE degree of adhesiveness of any cement measures the extent of chemical reaction which has taken place between the liquid and the powder.

Certified Enamel being made to be mixed slowly, the chemical reaction between the liquid and the powder is more complete.

The chemical reaction being more complete than in the case of any other silicate, Certified Enamel is, therefore, more adhesive.

Being more adhesive means closer adaptation to the cavity walls and—

Thus reduces risk of "leaky fillings."

## So Mix it Slowly

LEE S. SMITH & SON MFG. CO.  
PITTSBURGH, U. S. A.

Bulletin No. 6  
of This Series



## Ultra-Violet Radiation in Dentistry

(Bulletin No. 6 of the Dental Section of Victor Biophysical Research Department)

**Radiographic Interpretation.** The socket of the first molar on the upper left shows an occlusion which is developing consequent to a stalactite accumulation of newly developed cancellous bone. The limits of the stratum durum are still observed, within which limits the newly developed tissue has accumulated. Diagnostic inference: bone regeneration in a sterile alveolar cell. (Interpretation confirmed by F. F. Molt, D. D. S.)

**Pathologic Summary.** There can be no regeneration of bone in an area that harbors infection. But with the infection completely destroyed, and under the proper stimulation, the reconstruction of alveolar tissue becomes possible and desirable.

**Therapeutic Indications.** Application of an agent that will insure a maintenance of sterility and that will at the same time lend to the reconstruction and development of tissue.

**Indications for Ultra-Violet.** Ultra-violet energy induces *Hyperemia*, *Erythema*, both of which processes are fundamental in maintaining a tissue sterile and in subscribing to the reconstruction of an injured structure.<sup>1</sup> An occlusion of an area such as that represented in the radiogram is clinically desirable, as it insures the elimination of a potential locus of infection. In addition to the bactericidal qualities offered by ultra-violet energy, its ability to stimulate the assimilation and metabolism of calcium and phosphorus plays a significant role in the success of the ultra-violet treatment of these conditions.<sup>2-4</sup>

### References

- <sup>1</sup> Pacini, A. J.: Outline of Ultra-Violet Therapy.
- <sup>2</sup> Journal of the A. M. A., Editorial, July, 1922.
- <sup>3</sup> G. E. Powers, E. A. Park, P. G. Shipley, E. V. McCollum, Nina Simmonds, Journal of A. M. A., January, 1922.
- <sup>4</sup> Stillman & McCall: Clinical Periodontia.

A more complete discussion of above pathology, together with details of Ultra-Violet Technique will be sent on request, without obligation.

**VICTOR X-RAY CORPORATION**

Dental Department

236 S. Robey St., Chicago



ON TO CLEVELAND! SEPTEMBER 10th-14th



# *The* WHEELS of X-RAY PROGRESS CONTINUE *to* REVOLVE

*With Research as the Motive Power*



If you contemplate purchasing new  
X-Ray equipment and are interested  
in an apparatus which is not only  
electrically

SAFE • COMPACT  
FLEXIBLE • DURABLE

*but* is a pleasant advance in the X-Ray  
art, write us for advance information.

VICTOR X-RAY CORPORATION

Dental Department

236 S. Robey St., Chicago

ON TO CLEVELAND! SEPTEMBER 10th-14th

# Do This—

**M**ERELY write your name on the white space in this ad and we will send you without cost and without obligating you in any way, a booklet that will fully explain.

## THWAITES

*The Safest X-Ray on the market — and the simplest to operate—with results more certain.*

You might also mention your dealer's name.



*As easy to operate as a camera.*



**THWAITES**  
**X-RAY COMPANY**  
**GRAND RAPIDS, MICH.**

*Meet us at Cleveland!*

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

PRACTICAL case.  
Cast in one piece  
with WILLGOLD  
XXX



## Willgold XXX

### Casts Better Clasps

Willgold XXX is a very springy alloy of gold and platinum of beautiful light gold color. We believe it to be the best metal for casting clasps ever offered to the profession.

Use two pennyweights and if you don't find it the best you ever used, your money will be refunded—and no charge for amount used.

Price \$1.45 per dwt. from your dealer

The Williams Gold Refining Co.

Smelters and Refiners

Buffalo, N. Y.

Bridgeburg, Ont.

*Specify*  
**Williams Golds**

Plates  
Shells  
Wire

Solders  
Clasps  
Nuggets

Casting Gold  
Lingual Bars  
Filling Golds

( See announcement on reverse side )



# Williams Lingual Bars

## The Original Ready-Made Lingual Bar

Since we first invented the lingual bar and introduced it to the profession it has been widely imitated, but never equalled.

Most dealers will send you "Williams" when you order lingual bars, but to make sure you get what you want, always specify Williams Lingual Bars.

Long	Prices:	
18K Gold-Platinum	. .	\$4.00
16K Gold-Platinum	. .	2.50
Medium		
18K Gold-Platinum	. .	\$3.75
16K Gold-Platinum	. .	2.25
Short		
18K Gold-Platinum	. .	\$3.50
16K Gold-Platinum	. .	2.00
Gold Cased (20% 18K)	\$1.50 each	
in the three sizes,		
or \$15.00 per dozen		

*Specify*  
**Williams Golds**

Plates  
Shells  
Wire

Solders  
Clasps  
Nuggets

Casting Gold  
Lingual Bars  
Filling Golds

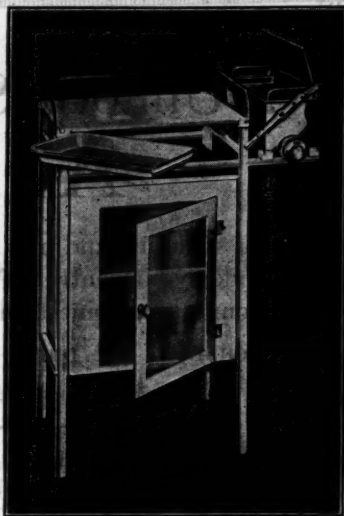
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Dr. ....  
Address  
Dealer ...

"Every patient looks for  
a Sterilizer."

# Prove it with a good Sterilizer



No. 423-S

**Y**OUR sterilizing methods are top notch, and naturally your patients believe you are careful. But dentists now are going farther than that, and leave no chance for an item of doubt.

Not content with a solitary sterilizer, they demand a full sterilizing unit; one that steril-

izes positively and has conveniences for speedy work, a free tabel top, a swinging tray and a roomy cabinet. The Castle No. 423-S has all of these—and the sight of it is proof positive of your care.

Write us about the No. 423-S sterilizer that can't boil dry.

## CASTLE

*Sterilizers for Dentists, Physicians and Hospitals.*

WILMOT CASTLE CO., 1158 University Ave., Rochester, N.Y.

Please send me, without obligation, data on your sterilizer No. 423-S

Dr. \_\_\_\_\_  
Address \_\_\_\_\_  
Dealer \_\_\_\_\_

CASTLE

ON TO CLEVELAND! SEPTEMBER 10th-14th

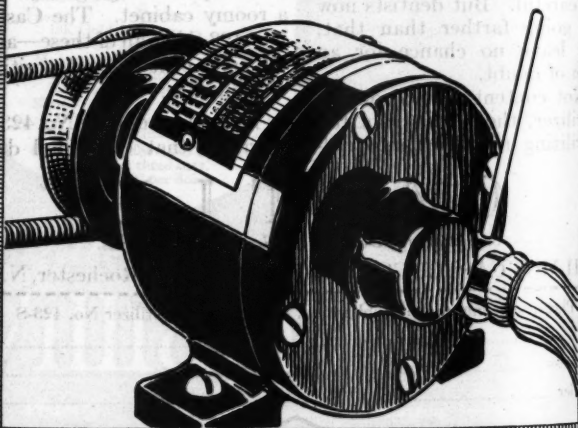
# A Uniform Stream of AIR

for soldering and melting gold—always under your control. You may vary it from a pin point to a full flame.

You need not pump it—just hook it into your lathe. Made in three sizes.

*Your name and address on the margin of this advertisement will bring booklet about the Vernon Rotary Compressor*

**LÉE S. SMITH & SON MFG. CO.**  
PITTSBURGH, U. S. A.



ON TO CLEVELAND! SEPTEMBER 10th-14th

# Yes!

Yes! REVELATION TOOTH POWDER is entirely free from grit or glycerine or "drugs."

Yes! REVELATION produces, and its habitual use maintains, a highly polished tooth surface—to which film cannot cling.

Yes! We will send you full sized can for clinical test. Just mail us a note on your professional stationery or send us your professional card.

*August E. Drucker Co., 2679 California St., San Francisco, Calif.*

## REVELATION

## TOOTH



## POWDER

ON TO CLEVELAND! SEPTEMBER 10th-14th





## For Perfect Models

A new material for use in place of alloy in the making of models.

### CERTIFIED MODEL CEMENT

In its plastic state will reproduce to perfection, the most delicate details of a cavity.

When it sets it becomes as hard as onyx.

For inlay models, where extreme accuracy is required, try Certified Model Cement.

It covers a new field. There is nothing else like it.

Your dealer has it.

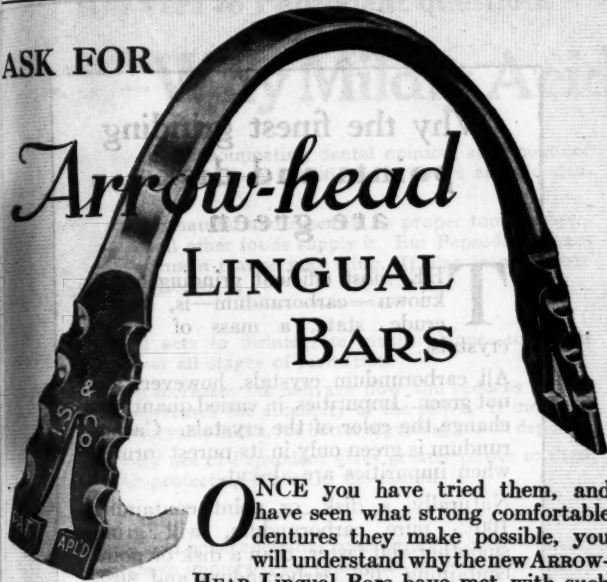
*Package containing two ounces  
of powder with liquid to mix—*

**\$5.00**

**LEE S. SMITH & SON MANUFACTURING CO.**  
PITTSBURGH, U. S. A.

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

ASK FOR



# Arrow-head LINGUAL BARS

ONCE you have tried them, and have seen what strong comfortable dentures they make possible, you will understand why the new ARROW-HEAD Lingual Bars have met with such instantaneous success.

They take up the least space in the vulcanite, because the sides of the ARROW-HEAD ends have no serrations, grooves nor corrugations of any kind. This means neater dentures and greater comfort to your patients.

Yet their anchorage is better and by far stronger by virtue of the flared notches at the top and bottom of the ends and the ARROW-HEAD cut-out. See illustration.

They fit all but very special cases with little or no adjustment, conforming to the arch with the least lingual obstruction, because of their accurately designed shape and flat anterior surface.

They are the stiffest and strongest bar to be had. We claim, without reservation and advisedly, that they hold the denture parts in their original relative position more successfully than any other bar on the market today.

**I. STERN & COMPANY**

104 W. 116th St., New York City

# STERN-MADE

ON TO CLEVELAND! SEPTEMBER 10th-14th

## Why the finest grinding points and disks are green

**T**HE most efficient grinding agent known—carborundum—is, in its crude state, a mass of green crystals.

All carborundum crystals, however, are not green. Impurities, in varied quantities change the color of the crystals. Carborundum is green only in its purest form—when impurities are absent.

Naturally, a disk, or point containing 100% pure carborundum, will grind smoother and faster, than a disk or point containing 70% carborundum and 30% of various impurities which have no grinding qualities.

Green carborundum grinds smoothly and quickly without heating. There are no impurities to retard it.

The finest disks, points and wheels are green because the purest grade of carborundum is green.

The green color in dental grinding instruments is the proof of purity, and assurance of smooth grinding.

*This advertisement, with your name and address on the margin will bring you a catalog.*

**Lee S. Smith & Son Mfg. Co.**

Pittsburgh, Pa.

ON TO CLEVELAND! SEPTEMBER 10th-14th

THE  
Ple  
with

Name

Addr

## Answers to Pepsodent questions

# No. 2—Why Mildly Acid?

Because the predominating dental opinion, as expounded by many of the modern investigators, favors an acid dentifrice.

Mild acid is natural and essential to proper tooth protection. Fruit and other foods supply it. But Pepsodent forces it wherever mucin plaque may cling. It also insures regularity in its effects.

Mild acid acts to disintegrate mucin plaque—to curdle or flake it—at all stages of formation.

Mild acid increases the salivary flow and reduces its viscosity. It increases the alkalinity of the saliva. It increases the saliva's ptyalin index, for better digesting starch deposits.

Thus every use of Pepsodent gives greater power to these great tooth-protecting forces in the mouth.

That the acid is harmless has been amply proved. Natural teeth have been immersed for four years in Pepsodent mixed with saliva without any ill effects.

This acid reaction is incompatible with the use of soap and chalk. The absence of soap lubrication makes the polishing agent somewhat conspicuous.

But this agent is not severe. It is much softer than enamel. It is a blend of finely powdered calcium phosphate and anhydrous calcium sulphate. These in their pure state, as we use them, form the ideal polishing agent.

Send the coupon for full answers to all questions, and a tube for testing at your chair.

**Pepsodent** PAT. OFF.  
REG. U.S.

*The Modern Dentifrice*

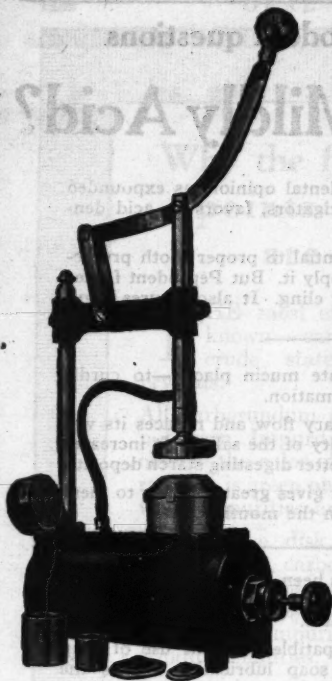
THE PEPSODENT COMPANY, Dept. 2923 Ludington Bldg., Chicago, Ill. 1225

Please send me, free of charge, one regular 50c size tube of Pepsodent, with literature and formula.

Name.....

Address.....

Enclose card or letterhead



### T. M. C. Casting Machine

Have you noticed, that we are rapidly drifting back to the Pressure Type of Casting Machine?

The reason is this, with the Pressure Type of Machine, you never fail to get "the force used in casting the metal at the right time." We predict that it will only be a matter of a short time, until all Casting Machines will be of the Pressure Type.

In the T. M. C. Machine, we have built one that is simple in construction and at the same time, is built for service.

THE PUMP is of special construction, large, so that three strokes will give sufficient pressure for any ordinary casting.

THE VALVE that releases the air just above the pressure pad, is so constructed that the full volume of air is released instantly. This insures a perfect casting, for the reason that you get the full force of the air instantly.

Sold through Dealers

**T. M. CRUTCHER**  
Dental Mfg. Co.

414-423 W. Liberty St.  
Louisville, Ky.

## Nifty!

That's what  
nine dentists  
out of ten say  
about this

*Brazilian*  
*Agate Spatula*  
the first time  
they see it.

It is a beautifully balanced instrument made of Agate—the one and only *safe* material to use in a spatula for mixing any of the silicates.

The mixing surfaces are *flat* and the edges are *straight*.

**\$3.00**

LEE S. SMITH &  
SON MFG. CO.  
Pittsburgh, U. S. A.

ON TO CLEVELAND! SEPTEMBER 10th-14th

**This is  
the System**

To eliminate the removal of  
Pulp Tissue from root canals—  
after devitalizing cover with

**WACKLER'S  
PULP SEAL**  
FORMULA OF E. C. Wackler  
D. D. S.

IN USE SINCE 1900

Powder and Liquid \$3.00 per  
package

*Manufactured only by*  
**E. C. WACKLER DENTAL  
MFG. CO.**  
MILWAKEE, WIS., U. S. A.



**REMOVE DECAY  
AND PLACE  
DEVITALIZING  
FIBRE.**



**REMOVE FIBRE  
DRILL OUT PULP  
CHAMBER, BUT  
DO NOT REMOVE  
PULP TISSUE FROM  
ROOT CANALS**



**PERMANENT  
FILLING  
CEMENT  
PULP  
SEAL**

**NOW CREDIT YOURSELF  
WITH A FEW BROACHES  
AND A HAPPY PATIENT.**

## Dental bookkeeping that SAVES MONEY

What is dental bookkeeping,  
anyway?

It is nothing more than keeping  
a record of services rendered, of  
cash received, of expense under-  
taken.

*The Doctor's Dollar Summary*  
enables you to keep this infor-  
mation in simple, orderly fash-  
ion—and do it easily, which is  
important to a professional  
man. It covers also investment  
records and income exemptions,  
arranged so that your income  
tax figures are automatically  
shown at the end of the year.

Order your Doctor's Dollar  
Summary now from your dealer  
or direct—and quit worrying  
about bookkeeping.

The income tax installments  
you paid in June might have  
been considerably less had you  
been using this unique method  
of record-keeping.

Price, \$10.00, postpaid in U. S.  
Purchase price will be refunded  
if book is returned for credit  
within 10 days.

G. A. Osternieier, New London,  
Wisconsin.

**ON TO CLEVELAND! SEPTEMBER 10th-14th**



## The Hieroglyphs of a Great Truth



*The fundamentals of form  
were old before the first  
Pyramid was built.*

A proper employment of fundamentals is universally recognized as the first requisite for enduring success in any branch of endeavor. The early Egyptian who sought to make permanent his analysis of form was but the forerunner of generations of artists and craftsmen whose work has stood the test of Time.

ON TO CLEVELAND! SEPTEMBER 10th-14th



When Dr. Williams found that the teeth of the human race were formed on the basis of the Square, the Triangle and the Circle, he began the work of producing Trubyte forms with the assurance that his fundamentals were sound. And those fundamentals are more permanent than any hieroglyphs can be.

## Trubyte

—the Teeth of Sound Beginnings

The Egyptians and the early Greeks built for permanence, and succeeded to a surprising degree because they employed sound principles both in their art and in their architecture.

How much of the tinsel and shoddy that is being built today will survive the generation which produced it?

If you are building your practice for tomorrow, as well as for today, it is important that you incorporate into your structure right principles and right things—things that are made *up to a standard*, not *down to a price*. Not the least of these are the materials you use to supplement your skill.

If you would build prestige, your work must command attention, and *denture* work is the surest means to such an end, provided that for each of your patients you select Trubyte teeth according to the principles of harmony. The results will be dentures of individuality and character.

RESTORATIONS  THAT RESTORE

The DENTISTS' SUPPLY COMPANY

of NEW YORK

(Trubyte Teeth are known as Anatoform Teeth in Europe, Great Britain and her Colonies.)

SO CLEVELAND! SEPTEMBER 10th-14th

# A short cut

**A** well known and favorite method which for many years has been employed to desensitize cavities is to seal oil of cloves in the cavity.

A much simpler way of accomplishing the same object is to fill the cavity with Medi-Cement and be done with it.

Medi-Cement, in addition to being the ideal temporary filling material, desensitizes the cavity and is sufficiently soft after setting to be readily removed with a spoon excavator. Write for new sample.

## NOTE

To say that Medi-Cement has been improved is like painting the lily, but, nevertheless, an improvement *has* been made and Medi-Cement will no longer solidify in the bottle. Your name on this advertisement will bring a new sample.

LEE. S. SMITH & SON MANUFACTURING CO.

PITTSBURGH, U. S. A.

ON TO CLEVELAND! SEPTEMBER 10th-14th



LEE S. SMITH & SON MFG. CO.

PITTSBURGH, PA.

Send me a new sample of Medi-Cement

Dr. \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Dealer \_\_\_\_\_

ON TO CLEVELAND! SEPTEMBER 10th-14th



The quick and easy way to SHOW your patient what you are trying to get at is to demonstrate the operation with a

## TYPODONT

Seeing is believing and a working model speaks louder than words.



*All Dealers*

**LEE S. SMITH & SON MFG. COMPANY**  
PITTSBURGH, PA.

## Here's a coupon you'd better mail!

Brown's Cleaning Fluid has been on the market for 33 years—but maybe you're not yet acquainted with it. No obligation—except on our part—if you send the coupon. We've an interesting little offer. Better get it. Send the coupon or just your professional card.

The Wheeler-Brown Specialty Co., Inc., 472 Main Street, Fitchburg, Mass

I want to know!

Dr. ....

Address .....

Dealer .....

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

KEITH'S LATEST HIGHLY IMPROVED  
DENTIST'S ARTICULATING PAPER

BLUE  
S. H. REYNOLDS SONS COMPANY, 100 Boylston Street  
BOSTON, MASS., U. S. A.  
SOLE SELLING AGENTS

It has finger  
protectors and  
is extremely  
sensitive.

S. H. Reynolds Sons Co., 100 Boylston St., Boston, Mass.

The free sample of Gray Jacket will convince you that it is possible to produce silk-smooth inlays, even if there are bubbles in your investment! Write now! Pieper Dental Mfg. Co., 200 Garden City Bank Bldg., San Jose, Cal., Mention dealer.



Get the Free Sample—then you will know why nearly a quarter million jars have been used by the profession for abscessed teeth. J. A. Sprague & Co., Columbus, Ohio.

"The Green Special Flexible Hypodermic Needle"

None genuine without  
the Log Trade Mark



Price  
\$2.00 per dozen

The obvious fine point and flexibility precludes the possibility of pain when injecting, while with the ordinary hypodermic needle the coarseness of point and rigidity causes a tearing and dragging sensation, which is painful and frightens the patient. With the Green Special you have none of the above disagreeable features. Once used Always Used.

He Who Serves Best Profits Most

You get out of your practice in proportion to what you put into it. The Green Special Flexible Needle is the only humane hypodermic needle on the market. Never fails to win the everlasting gratitude of your patients. We always have the genuine and the imitations with us. Beware of the unscrupulous dealer who claims to have a substitute just as good. None genuine without the LOG trade mark.

The Green Special  
Flexible Needle



The 2 (in One) Needle

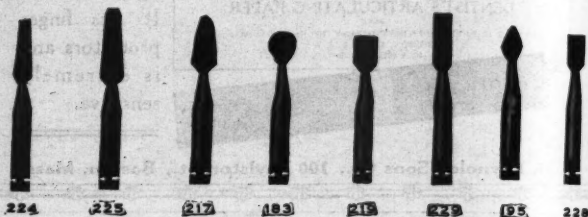
ON TO CLEVELAND! SEPTEMBER 10th-14th

L. O. Green, D.D.S. Heyworth Bldg., Chicago, Ill.  
Please send me full data on

☐ Needles  
☐ Green's Antiseptic Ointment

Name .....

Address .....



## Green Carborundum Short Shank Points



**T**HESE Tracy Points are designed for use in preparing obscure cavities in posterior teeth and for shaping inlay cavities where the operator is hampered because of lack of space.

Wherever space is restricted, the Tracy Points of *Green Carborundum* are recommended.

The short shank makes manipulation easy and the *Green Carborundum* point will grind smoothly and quickly.

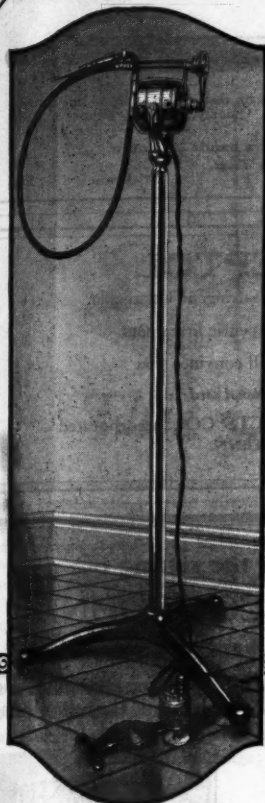
*Ask your dealer for Tracy Points made of  
Green Carborundum*

Set of 10 Tracy points in case \$2.00

**Lee S. Smith & Son Manufacturing Co.**

Pittsburgh, U. S. A.

**ON TO CLEVELAND! SEPTEMBER 10th-14th**



# DUMORE Portable Dental Engine

Pedestal Type \$70

Table Base Type \$65

**D**ESIGNED for work in hospitals and homes, or as an auxiliary unit. Valuable, too, in the laboratory for polishing and similar tasks.

Sturdy and dependable, it is just the tool for emergencies. Your dental supply house can furnish Dumore engines. Write us and we will gladly arrange for an office demonstration of this handy unit.

All DUMORE Dental Engines are equipped with S. S. White No. 7 Hand-piece; Slip-joint and 31 inch Flexible Shaft and Sheath. To meet various requirements DUMORE Dental Engines are made in two styles — with Table Base and Pedestal Mounting.

Wisconsin Electric Company  
3261 Sixteenth Street, Racine, Wis.



Table Base  
Style

# DUMORE DENTAL ENGINE

ON TO CLEVELAND! SEPTEMBER 10th-14th



**Dr. Riddle's Universal Dental Matrix Retainer***For Dentists of Precision*

5 seconds to apply band. Curved band (1-2500 in. thick) tough and plastic.



Especially adapted for step cavities, amalgam restoration and gold inlay work. Can be slipped between all contact points. Quickly and easily adjusted. Used by leading dentists the world over.

**\$3.00 with 12 bands. Extra bands 25c dozen.****RIDDLE & WISE***Your dealer or direct.***St. Francisville, La.****DENTISEPTOL**

Counter irritant, Pyorrhoea astringent Germicide.

The last word in Therapeutic armament

A trial free sample will convince you

*Send your professional card*

**THE CHEMICAL PRODUCTS CO., Incorporated**  
**MEMPHIS, TENN.**

## Do you know that the setting of NEO-BALSAM COMPOUND

is *readily regulated* to suit the will of the operator. Slow—for Root Canal Work; Medium—for Pulp Capping; Rapid—when used as a Cement in Deciduous Teeth, and that it obtunds and sterilizes without injury to the pulp or tissue, to say nothing of adhering to wet surfaces. Write us or let us demonstrate this to you at the coming meeting of the

**AMERICAN DENTAL ASSOCIATION***Sold by first class dealers.***A. A. Brown Dental Mfg. Co.**

456 No. Boyle Ave.

**St. Louis, Mo., U. S. A.****ON TO CLEVELAND! SEPTEMBER 10th-14th**

No ma  
 always  
 That's  
 denture  
 when d  
 away w  
 B. P. P.  
 impress  
 A suffici  
 The exc  
 for the c  
 Flask wi  
 Vulcaniz  
 Full dire  
 Colors, r



## *This will fix it!*

No matter how carefully, how skillfully a denture may be made, it doesn't always possess the perfect adaptation necessary to the patient's comfort. That's where B. P. P. comes in. With B. P. P. you can correct such a denture without remaking it. And you can use it too in correcting occlusion when difficulties arise through improper closing of the flask; and it does away with the grinding of the teeth.

B. P. P. is a non-elastic, plastic, vulcanizeable paste; it takes a very sharp impression.

A sufficient amount of paste is placed on plate, and is pressed to place. The excess squeezes out and only enough remains on plate to compensate for the defect.

Flask with one pour; no opening of flask necessary.

Vulcanize same time and temperature as vulcanite rubber.

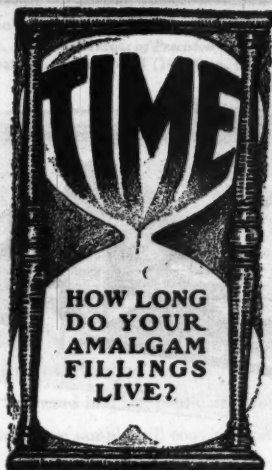
Full directions with each package; enough for six to ten cases. Price \$3.50.

Colors, red and black.

*For sale by all dental supply houses. If ordering direct, send money order or draft. Address Dept. H., Pioneer Mfg. Co., Macon, Missouri.*

# B. P. P.

ON TO CLEVELAND! SEPTEMBER 10th-14th



## YOU CANNOT FOOL TIME!

He is the great impartial judge of all things, passing out his rewards and punishments without favor.

# CRESCENT ALLOY

## THE TOOTH SAVER

makes a time-resisting filling. It has been used successfully by dentists everywhere for more than 30 years.

### THE REASONS WHY:—

*Pure ingredients, perfect color,  
no discoloration, no shrinkage,  
ample edge strength, fine work-  
ing qualities.*

5 oz. jar \$9.00—1 oz. bottle \$2.00

*At all Dental Depots*

**CAUTION**—Crescent Alloy is Not Genuine without our Trade Mark.

1 UNION SQ.



NEW YORK

ON TO CLEVELAND! SEPTEMBER 10th-14th

TEAR OUT, SIGN AND MAIL FOR FREE SAMPLE!

Wherever the brush will  
reach, there will be

# No Tartar!

Pick out the worst case of rapid tartar formation you can find. Put that patient on Mu-Sol-Dent, the first and only efficient mucin solvent dentifrice. Twice daily Use Mu-Sol-Dent. Observe results from time to time, and you will be amazed to find that tartar formation will be prevented wherever the brush will reach. The reason is simply that Mu-Sol-Dent dissolves the mucin plaque which is the binder in tartar. With this binder removed, the lime salts have no means of attaching themselves to the enamel. Make the test at our expense! Tear out this ad and mail with your business card, and free sample will be sent.

**V. B. Corporation**  
916 Forbes St.  
Pittsburgh, Pa.

Name .....

Address .....

City ..... A-O

**Mu-Sol-Dent**  
*Dissolves Mucin*



ON TO CLEVELAND! SEPTEMBER 10th-14th

TEAR OUT, SIGN AND MAIL FOR FREE SAMPLE!

## Here's Another Case

Last month we told you about a handpiece that had been Re-Built nine times at a saving of \$38.45, for Dr. A. W. Easton, of Norway, Me.

Here's another case;

A Contra Angle "U", belonging to Dr. C. L. Mead of Union City, Pa., came to us first in June, 1913 and has also been Re-Built nine times at a total cost of \$32.25, which has meant a saving of \$39.75 for the doctor.

And we could wear out a typewriter telling you of similar cases.

There is no reason in the world, doctor, why you shouldn't have **YOUR** handpiece Re-Built.

Send it along and we will Re-Build it while you are on your vacation.

Just write your name and address on the margin of this page and mail it to us and we will send you a mailing box.

**Geo. A. Terry Mfg.  
Co., Inc.**  
356 S. Elmwood Ave.  
Buffalo, N. Y.

## On its own Merits

!

Ignoring the price entirely, and considering it on its own merits, the **GARDNER CENTRIFUGAL CASTING MACHINE** is the equal of any in its average of good sharp inlays, bridges, saddles, etc., and has many advantages not found in any other machine.

*Write today for information*

Price only \$27.50 complete

**M.F. Patterson Dental  
Supply Co.**

406 Sixth Avenue So.  
Minneapolis, Minn.

## They Relieve Pain—

That's why you need  
**Dr. Stempel's**

## Suction Cup Dental Plasters

That's why we sell them to the better dentists in the U. S., Canada, Europe, Austria, and Japan.

Counter-irritation, perfectly applied by means of these little medicated suction cups will stop periodontal pains and fully relieve suffering caused by abscesses and ulcerations.

*Order a box from  
your dealer today*

**STEMPEL  
DENTAL  
SPECIAL-  
TY CO.**

Fort  
Madison,  
Iowa



Clip  
this  
ad

ON TO CLEVELAND! SEPTEMBER 10th-14th

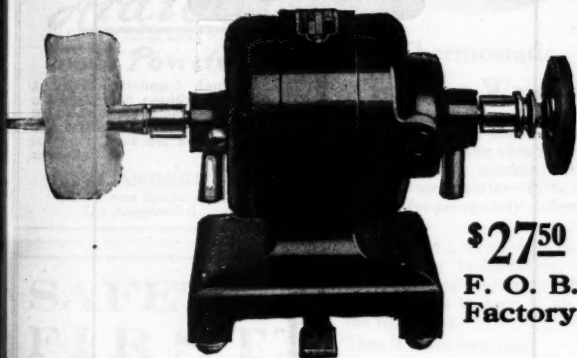
SPECIFIC  
8000 to 6000  
Lake Riller  
arbor and

BUILT  
Band s  
DUMO  
Motor is  
accepted a  
economica  
to the de  
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problems.  
Operating  
nating or

WIS  
3261

# DUMORE

## LATHE *for* DENTISTS



**\$27<sup>50</sup>**

**F. O. B.  
Factory**

**SPECIFICATIONS AND EQUIPMENT**—Motor—1-8 H. P. Universal. Speeds—Five, 800 to 6000 R. P. M. Controlled by rheostat in motor base. Shaft tapered at both ends. Will take Ri'ter chucks or special 5-32" Goodell-Pratt chucks. Complete equipment includes wheel arbor and emery wheel, tapered spindle and rag buff, 8' cord and attachment plug.

**B**UILT for speed and service, the DUMORE Lathe Motor is everywhere accepted as the quick, economical solution to the dentists' polishing and buffing problems.

Operating on alternating or direct cur-

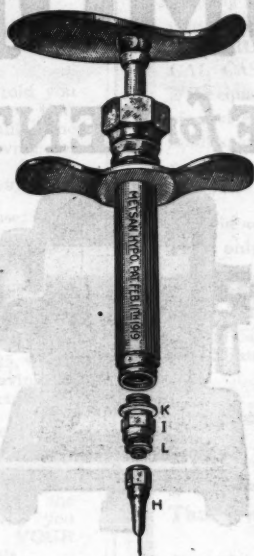


rent the DUMORE is unusually adaptable. The best dental supply houses carry DUMORE Lathes. We shall be glad to furnish you with more complete information and a source of supply if you will write us today.

**WISCONSIN ELECTRIC CO.**

**3261 A Sixteenth Street Racine, Wis.**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**



## Here—you can have it

You've wanted a syringe that would protect your hands against poisoning. That's just what you'll find in the METSAN. Metsan is guaranteed leakproof and boilable—we'll live up to that! Style A, \$3.75. Style B (adapter) as illustrated above, \$4.75. Your dealer has Metsan in stock.

Your hands deserve this protection

**METSAN DENTAL MFG. CO.**

211 East 62 Street

New York City

ON TO CLEVELAND! SEPTEMBER 10th-14th



**GOLD TEETH for ARTIFICIAL PLATES**



Send for circular showing sizes and quoting prices. They make plate work look like crown and bridge work on natural teeth. Used also for dummies on bridge work. Cost less to buy than to make.

**NELSON GOLD TOOTH CO.**

No. 280 Henry Street, Brooklyn, N. Y.

**Ardico**

TRADE MARK

**Tooth Powder**

An efficient frictional dentifrice, completely and readily soluble in the fluids of the mouth. It is a mild, salivary stimulant and tartar solvent; it does not support fermentation.

**C. M. ANDREWS**

1636 Sierra Bonita Ave.  
Los Angeles Cal.

**SAFETY  
FIRST**

Avoid Lacerating Gums

**HAKINS  
CLEANERS**

clean teeth without lacerating gums or abrading enamel. No spattering. Absorbs and carries liquid, powder or paste. Also ideal for polishing inlays and fillings.

\$1.00 a doz.  
all dealers



1 Union Square,  
New York



**Thermostatic  
Tumbler Warmer**

Do not confuse this Tumbler Warmer with the cheap water heaters on the market. It is not a water heater—it is intended for an entirely different purpose.

It will keep a solution at body temperature indefinitely, relieving you of constantly refilling the glass to keep it up to the right heat.

Thus it saves solutions.

**This coupon brings  
Information**



**M. F. Patterson Dental  
Supply Co.**

406 6th Ave. So., Minneapolis  
Minn.

I want to hear more about  
the Holmes Tumbler Warm-  
er. Why is it economical?

Dr. ....

Add. ....

City. ....

ON TO CLEVELAND! SEPTEMBER 10th-14th

# Forhan's

## FOR THE GUMS

### *For the Conquest of Pyorrhea*

With the dentists of the United States, Canada and England, we are working in the interests of oral hygiene, for sound, healthy teeth, for gums and bodies uncontaminated by Pyorrhea.

Our two products are compounded for use in the treatment of Pyorrhetic conditions. They are scientific and safe.

Our advertising is a message to the public on the menace of Pyorrhea and what steps should be taken for its prevention.

We speak most frankly now of the odds in favor of Pyorrhea—odds of 4 to 1 against all persons over forty.

It will be a happy day for us when we can say, publicly, that only 3 out of every 5, or 2 out of every 5, are endangered instead of 4 out of every 5 as now.

In other words, we are working with you to bring down the odds, and in all our national advertising, we are advising the public to visit dentists at least twice a year for tooth and gum inspection.

Forhan's Pyorrhea Astringent is compounded to the formula of Dr. R. J. Forhan, and sold only to dentists to insure its restriction to professional use.

*Formula R. J. Forhan, D. D. S.*

## Forhan Company

New York N.Y.

FORHAN'S, LTD.  
MONTREAL

ON TO CLEVELAND! SEPTEMBER 10th-14th

# It's all that and more too!



To say that S-C ALLOY has absolutely no shrinkage; that it is easy work and clean, is to tell only part of the story.

S-C Alloy properly amalgamated will resist a crushing strength of over 40,000 pounds per square inch. This is an indication that years and years of masticating force will not distort an S-C restoration.

Its uniformity at all times is guaranteed by its formula which is printed on the box.

S-C ALLOY will appeal to you. Your mechanical and artistic ability will tell you that in S-C ALLOY you have a material worthy of your best efforts.

The coupon will enable you to try it.

**Send it TO-DAY!**

**STRATFORD - COOKSON  
COMPANY**

42nd & Ludlow Streets  
Philadelphia, Pa.

Enclosed find 25c in stamps. Send me a sample of S-C ALLOY. If I purchase an additional ounce the 25c will be refunded.

Name.....

Address.....

Dealer.....

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

## A GENERAL PRACTITIONER Corrected This Case With the BACON APPLIANCE

Here is a case of mal-occlusion that a General Practitioner corrected by spending only a few minutes, twice a week, with the patient. This correction was accomplished by the use of the Bacon Removable Appliance and a few simple adjustments, made by the Dentist as the case progressed. It is surprising how easy it is to do this work.

The Bacon Technique has opened to the general practice a tremendous Orthodontic field. Nine out of every ten children are suffering from mal-occlusion. The Bacon method of correction requires very little of your time and offers a substantial recompense.

### *Note How The Cuspids Come Through*



FIRST MONTH



SECOND MONTH



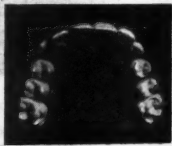
THIRD MONTH



FOURTH MONTH

The five accompanying photographs record the progress on the case of this 11 year old child. Note in the first picture, the narrowness of the arch in the anterior region. Also the closeness of the lateral incisors and the bicuspid.

There is no space for the cuspid to erupt in proper position. Then note, as the case develops, how the arch is brought to ideal shape and how room is made for the cuspids to erupt in proper position.



FIFTH MONTH



### *This Booklet Will Show You How You Can Accomplish the Same Results*

Send for this book on Bacon's Technique. It explains, carefully, Doctor Bacon's method of correcting mal-occlusion. A method that is simple, practical and easily within the grasp of every practitioner. After reading this little booklet, you will be ready to approach your case confidently.

## The Bacon Manufacturing Co.

416 LaSalle Building  
MINNEAPOLIS, MINNESOTA

THE MU-COL CO., Inc.,

Tupper and Edwin Place.,

Buffalo, N. Y.

Please send free samples.



MAIL THIS

COUPON WITH YOUR CARD OR LETTERHEAD.

MU - COL makes the most economical mouth wash extant for Gingivitis, Pyorrhea, Bleeding Gums, Loose and Sensitive Teeth, Pus, Fetid Breath, Neutralizing Mouth Acids and maintaining healthy condition of Oral Cavity.

Three sizes—35c., 60c., \$1.20

INVALUABLE AFTER EXTRACTION.

Samples cheerfully mailed on request.

**MU - COL**

Instantly Soluble Antiseptic Powder.

**U N I F L O**

**Is Gold Solder Perfected**

**N**OT until the appearance of Uniflo Strip Solder could it be denied that gold solders, generally, left much to be desired.

Uniflo is a perfected and self contained instrument. Just the right amount of flux is in the interior of the flat strip, which does not differ in outward appearance from the article commonly used. It's no higher in price.

You can't get too much or too little flux on the work—you don't even have to think about flux.

Ask your dealer for it, doctor, or send to us if he cannot supply you.

**BAKER & CO., INC.**

54 Austin St., Newark, N. J.

30 Church St., New York

5 So. Wabash Ave., Chicago

ON TO CLEVELAND! SEPTEMBER 10th-14th

# UNIVERSITY

## The ORIGINAL Dr. Hartzell Brush

Scientifically constructed to simplify the more perfect cleaning of teeth—brushes especially designed for treatment of pyorrhea.



**No. 2  
Two Row**

**\$3.25 per dozen. \$36 per gross.**

For general use on outside surfaces



**No. 7  
One Row**

**\$2.75 per dozen. \$30 per gross.**

Ideal for children and adults where teeth are small and close together.



**No. 5  
Special**

**\$4.50 per dozen. \$48 per gross.**

Inside lingual surfaces of all teeth—vitally necessary in the perfect care of teeth.



**No. 1  
3 Row**

**\$4.00 per dozen. \$42 per gross.**

Small adult size for cleaning all outside surfaces—bristles trimmed to allow easy crowding between teeth.

**Terms 5% Discount—Cash With Order  
Otherwise 2% 10 Days—F. O. B. Chicago**

### JAMES R. IRVIN & CO., Inc.

230 South Wells St., Chicago, U.S.A.

*"A Hand-Made, Imported Brush"*

ON TO CLEVELAND! SEPTEMBER 10th-14th

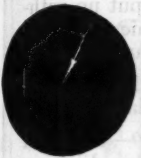
# One torch for all dental needs

## *What Prest-O-Torch is and does*



### Perfect Flame Control

The fat brush flame shown above will easily melt 16 dwt. of Dee's No. 4 gold at once. Can be changed to any size down to the finest needle flame instantly.



Prest-O-Torch is a dental blow pipe that melts the most refractory metal without injury to the metal.

It burns Prest-O-Lite gas (in the handy little torch) and compressed air.

Prest-O-Torch is the instrument of absolute heat precision. The sensitive trigger finger control gives every change, from a fat brush flame to finest needle flame in an instant, with temperature range from 2800 to 3300 degrees.

There is no dental restoration work requiring heat that Prest-O-Torch does not fulfill perfectly.

If you want to insure the complete realization of your skill—if you want to save time—if your offices are in one of the modern office buildings, which are seldom piped for gas, use Prest-O-Torch with Prest-O-Lite gas.

Most dental supply houses handle Prest-O-Torch and complete outfits, including Bunsen Burner and hot plate. More than 22,000 service stations exchange full tanks for empties. You pay only for the gas.

THE PREST-O-LITE COMPANY, Inc.

*Small Tank Sales Department*

Indianapolis, Indiana

New York Office: 30 East 42nd Street

Pacific Coast Office: 599 Eighth Street, San Francisco

In Canada: Prest-O-Lite Company of Canada, Ltd., Toronto

## *Prest-O-Lite Gas* *and Prest-O-Torch*

As a progressive member of your profession you keep up to date on progress in your profession—write us for descriptive literature.



# Salter's Pure Silk Waxed "Tape" Dental Floss

For Prophylactic and Pyorrhea Work



All Tape Dental Flosses made in five standard widths.

*Style No. 304*—as illustrated, contains one-ounce Waxed Tape in Dome.

*Style No. 306*—same as above, also put up without the Dome, Wrapped in Waxed Paper.

*Style No. 302*—Put up in  $\frac{1}{4}$  Ounce Glass Vials.

*Style No. 300*—Put up in  $\frac{1}{8}$  Ounce Glass Vials.

Because of convenience in size Styles No. 300 and No. 302 are recommended for Patient's use.

## THE DENTISTS FAVORITE

*Style No. 226*—illustrated contains 150 yards of perfect Round Dental Floss, Uniform in Size and Waxing. Has metal Cap; with Outlet and Cut-off. An air-tight container, which keeps the floss clean and sterile.

Sample Card of Sizes, and Illustrated Catalogue, showing our different styles of put-up, will be furnished on request.



Manufactured by

**BELDING BROS. & COMPANY**  
Chicago, Ill. Boston, Mass.

ON TO CLEVELAND! SEPTEMBER 10th-14th

# CRESCENT BRUSHES

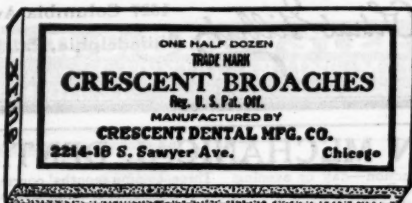
Patented



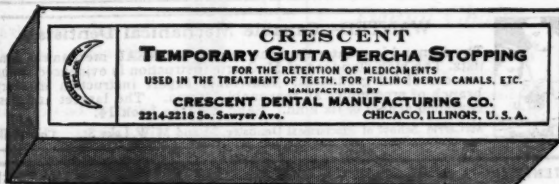
**Black Bristle      Extra Hard**  
40 cents dozen



**Black Bristle      Extra Hard**  
50 cents dozen



**Barbed      All Sizes**  
25 cents package



Pink

White

Eccu

Assrt.

30 cents per one ounce box

For the Doctor

who is particular

From All Good

Dental Dealers



ON TO CLEVELAND! SEPTEMBER 10th-14th

## No vital tooth should be filled without lining.

More pulps have been destroyed from lack of lining than from any other one cause.

For years we have advocated the lining of tooth cavities, and now it is pretty generally admitted to be the correct principle.

### Gilbert's Non-Conductive Tooth Lining

was the first and only one on the market for years. It has established a name for itself as a saver of pulps. There are some who continue to fill teeth without lining, and patients wonder why their teeth are sensitive after filling. Gilbert's Lining is insoluble by the fluids of the mouth. It protects the tooth against shock from thermal change, giving the patient a tooth that is comfortable after it is filled. The comfort this lining gives the patient means a better reputation for the Dentist.

Price per package - - .75

Trial size - - - .35

If your dealer does not have it in stock, we will mail it on receipt of price.

*St. Elmer Gilbert*

1627 Columbia Avenue,  
Philadelphia, Pa., U. S. A.

## LEARN MECHANICAL DENTISTRY

Practical instruction—day or evening. Three to nine months' course. No charge for equipment. Postgraduate course for Dentists and Practicing Dental Mechanics. Established over 30 years. Write Dept. 10-H for 36 page catalog.

### BODEE DENTAL INSTITUTE

NEW YORK  
136 W. 52nd St.

PHILADELPHIA  
1305 No. Broad St.

BUFFALO  
1226 Main St.

BROOKLYN  
15 Flatbush Ave.



### WANTED—Capable Mechanical Dentists

The demand is greater than the supply for REAL mechanical dentists. The high standard of McCarrie instruction is evidenced by the success of its graduates. Individual expert instruction in every branch of prosthetics at reasonable terms. The largest and best equipped school of its kind. Send for free book 14.

McCarrie School of Mechanical Dentistry, 34 and 36 W. Lake St., Chicago, Ill.

### PATENTS



PENDING

AT LAST, T.D.S. IMPROVED ATTACHMENTS MAKE EVERY INTERNAL PART QUICKLY ACCESSIBLE WITHOUT MUTILATIONS. ALL PARTS ARE STANDARD. ASK ABOUT THEM.

REBUILDERS AND HANDPIECE SPECIALTIES  
**TERRY'S DENTAL**

3408 BEACON AVE. SEATTLE, WASH.

### WORN HANDPIECES REBUILT

EQUAL FOR SERVICE TO ANY NEW ONES. T. D. S. IMPROVED FEATURES INSTALLED IF DESIRED. ESTIMATES GIVEN ON EXAMINATION IF REQUIRED. IF IT'S ABOUT A HANDPIECE ASK TERRY'S

Clean Green Carborundum—the purest, the coolest, fastest cutting kind. But be sure it is the original and genuine GREEN. Distributed by Lee S. Smith & Son Mfg. Co., through good dealers everywhere.

ON TO CLEVELAND! SEPTEMBER 10th-14th

# \$100<sup>00</sup> for a Slogan!

We offer one hundred dollars (\$100) to the Dentist who can submit the best slogan to be used in connection with

## BREWSTER CROWN, BRIDGE and INLAY CEMENT

The one condition we impose is that all Dentists submitting a slogan give proof that they have used Brewster Cement, a cement which is different from any other on the market today.

*All slogans must be in our hands prior to Sept. 1st.*

The name of the Dentist, together with the slogan we think best, will be printed in the October issue of Oral Hygiene.

## E. R. S. BREWSTER

Manufacturer of DENTAL FILLING MATERIALS  
2730-32 HIGH ST. CHICAGO, ILL.

Let us send you  
A Catalog of  
Masel's Gold Crowns

and at the same time tell  
you how to obtain this  
Crown Gauge free.

Attach this ad to your  
letterhead or card and  
mail it now.

Masel Dental  
Laboratory

1108  
Spruce Street  
Philadelphia, Pa.



## Full Dress for Dental Chairs

Brings fresh, cool summer  
radiance to your office.

Exclusive, economical,  
durable and artistic Slip  
Covers for Dental Chairs,  
Operating Stools, Gas Out-  
fits, Cylinders, Radiators.

The satisfaction of Qual-  
ity remains long after the  
guarantee is forgotten.






All Dealers or Direct

Material Samples mailed  
on request.

Detroit Dental Chair  
Cover Co.  
New Baltimore, Mich.



ON TO CLEVELAND! SEPTEMBER 10th-14th

why pay 60 cents  
for a facing, like this, —————→   
then spend 2 hours,  
baking on a root, like this, —————→   
—OR—  
pay 50 cents for a facing like this, —————→   
then pay 25 cents for a section, like this, —————→   
then pay 95 cents for a backing, like this, —————→   
then spend 2 hours assembling,  
when you can buy AN INTEGRAL, INTERCHANGEABLE,  
PERFECTLY BAKED REDI MADE ROOT FACING for \$1?

a Satisfying  
set of

REDI MADE  
Super-Sixes



ask  
YOUR  
DEALER  
He Knows!

For Description, Indication, Technique and Advantages, FULLY ILLUSTRATED, Address,  
DIXIE DENTAL MANUFACTURING CO.  
BROWN MARX BLDG. BIRMINGHAM, ALA., U. S. A.

## Just One Moment, Doctor!

What are you paying for your retainers?  
Your 1923 dollar is just as big as your  
dollar of 1905 was if spent for the  
"EUREKA." Universally used—easily  
attached—your patients renew their own  
cups. Nothing to give you trouble in after  
years.

"The fact that it remains speaks for  
its efficiency"

Upper or Lower,  
\$2.00 per box—HALF DOZ.  
At best dealers everywhere



1905-1923

EUREKA SUCTION CO.  
Loudonville, O.

## French's Dental Plasters

Still lead in quality and  
economy. We now have the

### WHITENESS

that the profession demands.  
We have always had the  
practical qualities. During  
the war we were unable to  
furnish the color.

### NOTE

Regular: for general work  
Impression: for quick work-  
ing  
Slow Setting: for vulcaniz-  
ing.

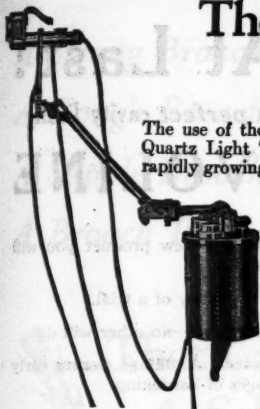
Samuel H. French & Co.

Philadelphia, Pa.

EST. 1844 INC. 1920

ON TO CLEVELAND! SEPTEMBER 10th-14th

# The Kromayer Lamp



The use of the Kromayer Lamp as a producer of Quartz Light Therapy in the dental profession is rapidly growing.

It is the highest producer of Ultra Violet Rays and its field of indication covers pathological conditions of the mouth, especially that of pyorrhea. It is very valuable after extraction and reduces the post-operative pain.

We have some very interesting literature on this subject which we will be pleased to send to you upon request for booklet "R".

**Hanovia Chemical & Mfg. Co.**

Newark, N. J.

Branch Offices—New York, Chicago, San Francisco

## Forsyth-Tufts Training School for Dental Hygienists

Eight months' course of thorough Clinical and Technical Training in Oral Public Health Work and Dental Prophylaxis to High School Graduates. Next term begins October 1, 1923.

Early enrollment is advisable as the number of students is limited. Applications are accepted in the order in which they are received.

Apply to **Harold DeW. Cross, D. M. D., Director,**  
140 The Fenway, Boston, Mass.



## SKULLS.

Highest quality with full dentition and fully bleached; Sectioned to show all Sinuses, Middle and Internal Ear, and roots of teeth. This preparation is in great demand. Skulls sectioned in any way desired to order, or just the plain skull with jaws on springs.

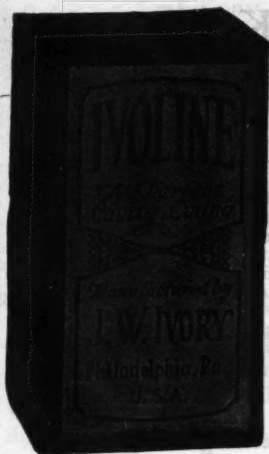
## JAWS.

Upper and lower mounted or unmounted. Descriptive Price List on request.

*"Anything in Osteology"*

**Darwin L. Platt, Osteologist**  
17 Main St., East Rochester, N. Y.

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# At Last!

*a perfect cavity lining*

## IVOLINE

This is a new product you will like.

It is worthy of a trial.

Once used—no other will do.

Protect all fillings during early stages of hardening.

All dealers.

**J. W. Ivory**

**Philadelphia, U. S. A.**



It is impossible to make a plate that will fit if you do not first make an accurate impression.

**KERR**

**Perfection Impression Compound**

*"The Ideal Impression Material"*

At all Leading Dental Depots  
**Detroit Dental Mfg.**

**Company**  
Detroit. Mich.

## Connecticut Washable Chair Covers

**CONNECTICUT WASHABLE CHAIR COVERS**

These covers save your upholstery and look clean and cool to the patient. Made of high grade linen in white and many attractive shades. Launder flat; wear well. Easy to put on and take off. For all makes of chairs. Sold through your dealer or by mail prepaid.

Send for  
**Free Samples**

**CONNECTICUT COAT & COVER COMPANY**

Dept. H,  
**SHELTON, Conn.**





*A Strong Broach*  
*A Tough Broach*  
*A Supple Broach*  
*A Broach Properly Barbed*



That's an  
**ASKO**  
**BROACH**

*Try a  
sample  
and be  
convinced*

Trade Mark



Registered

**A. S. Koch & Sons,  
Lancaster, Pa.**

Please send free samples of Asko  
Broaches.

Dr.....

Address.....

Dealer.....

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# CRESATIN

*Try it in*

*Pyorrhea*

Non-escharotic  
Antiseptic  
Analgesic

In ozs. only  
at  
your druggist's



*It stands alone*

ON TO CLEVELAND! SEPTEMBER 10th-14th



## YOU CAN'T PRACTICE WITHOUT BOILING WATER

The F. & M. ELECTRIC LIQUID HEATER boils a glass of ice water in one minute. The exposed heating element utilizes every heat unit. May be used in office, home, and laboratory.

Does not require electrician to repair—simply hook on a new coil and it is ready for use again. Extra coil with each outfit.

Your present facilities may supply hot water but not boiling water.

Attaches to standard socket. Costs 6c per hour. Used to boil wax. Gives quick start on vulcanizer. Heats modeling compound, eliminates messy gas plate.

From your  
dealer or

**\$3.50**

Postage prepaid

F. E. McKONE, 25 W. 43d St., N. Y. C.



## Sal Hepatica

Materially Aids  
Local Treatment

IN

## PYORRHEA

Samples on Request

Bristol-Myers Co.  
NEW YORK



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## Dentists and patients like them

Young's Polishers are made of the best grade of Flexible Rubber, which is vulcanized with great care to insure toughness and resiliency.

The heads of the metal screws, to which these polishers are securely vulcanized, are completely imbedded in the rubber to avoid the possibility of scratching the surface to be polished.



are correctly proportioned to conform to the complex contours of the teeth. They are symmetrical in shape and accurately mounted, which accounts for their smooth and true running.

To avoid crowding the polishing materials under the free margin of the gum, polishers should always be rotated in the direction brushing the polishing materials from the gum toward the occlusal or incisal surfaces of the teeth.

This necessitates revolving the polishers forward and reverse according to conditions presented.

Most dentists and all patients express a decided preference for flexible rubber polishers because they polish effectively without injury to the gum tissue and consequently without causing any pain. Furthermore, the disagreeable feature of splashing the polishing mixture is eliminated.

Send for the booklet about Young's dental products, mentioning your dealer. Booklet is free of course.

**YOUNG DENTAL MFG. CO.**  
St. Louis, Mo.

## Handy

is the word that  
best describes

## Lincrowns

the ready-made gold crowns that dentists everywhere are using—

And handy also describes the beautiful Mahogany Lincabinet that is given free with \$50 worth of Lincrowns.

If you are not a Lincrown user ask us to send you the booklet that tells all about them.

“Link up with Lincrowns—Worth more than their weight in gold.”

LINCOLN DENTAL MFG. CO.  
1600 Chestnut St.  
PHILADELPHIA, PA.

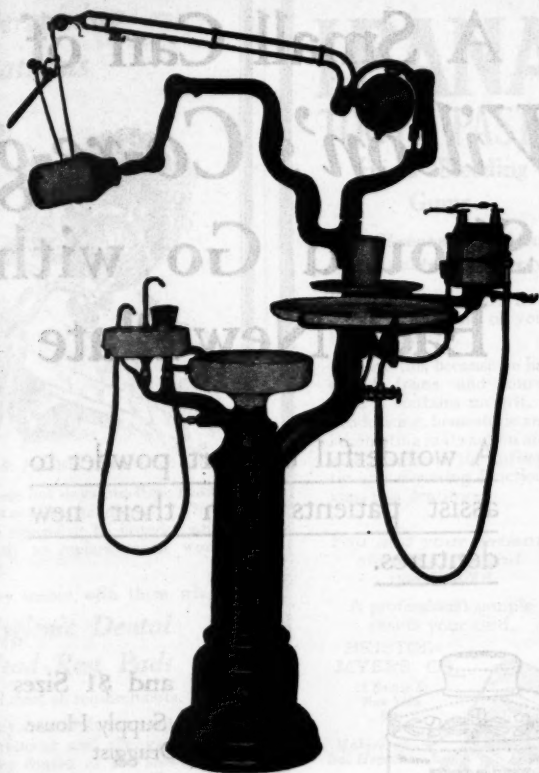
*Here is  
just a  
peek at  
the  
handsome  
Lincabinet*



This r  
Spray  
blower  
tacle;  
conce  
Write  
from \$

The

ON TO CLEVELAND! SEPTEMBER 10th-14th



## Weber Special Unit, Model "E"

This model consists of Fountain Cuspidor, either No. 55, 50 or 46, Weber Spray Heater, Automatic Cut-off with tubing and connections and Chip-blower; Bracket Table; Auxiliary Table; Bunsen Burner; Waste Cotton Receptacle; Adjustable Dental Light; pipes for Gas and Air and Sub-base for either concealed plumbing or pipes above the floor.

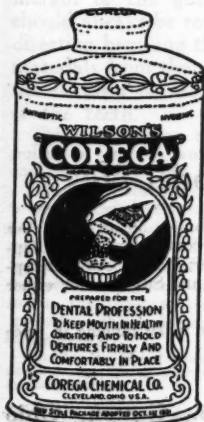
Write for prices and illustrations of other Models we make ranging in price from \$190.00 to \$240.00.

The Weber Dental Manufacturing Co., Canton, Ohio

ON TO CLEVELAND! SEPTEMBER 10th-14th

# A Small Can of *Wilson's Co-re-ga* Should Go with Each New Plate

A wonderful comfort powder to  
assist patients with their new  
dentures.



35c, 60c and \$1 Sizes  
from your Supply House  
or Druggist

MADE ONLY BY  
COREGA CHEMICAL CO.  
CLEVELAND, O.

Send for Samples

F. L. BENEDICT & CO., Montreal  
Canadian Distributors

ON TO CLEVELAND! SEPTEMBER 10th-14th

## Perspiring Patients



U. S. Pat. Nos. 775478 and 845822

These hot days old-time head-rest napkins soil quickly. They are expensive to launder and costly to replace when worn out.

## Why bother with them when Hygienic Dental Head-Rest Pads

will meet all requirements.

They are strictly sanitary, cool, convenient and always clean. They consist of 100 sheets of white tissue paper. Tear off one sheet before patient enters chair. They are easily attached to chair with elastic bands and form a cushion for your patient's head.

No. 2 pads, white crepe paper.  
No. 4 pads impervious paper.  
Either style \$1.50 a box (two pads to a box).

Buy them from your dealer or

Gustav Scharmann, 1181  
Broadway, New York.

# IPANA

## TOOTH PASTE

Heals Bleeding Gums

*"I will recommend this tooth paste exclusively"*

The above quotation is from a letter from one of your brother dentists.

He says this because he has tested Ipana and knows that it contains no grit, is deodorizing, hemostatic and stimulating in its action and safely performs the antiseptic and cleansing functions vital to a dentifrice.

*You and your patients should know and use IPANA*

A professional sample awaits your card.

BRISTOL-MYERS CO.

42 Rector St.  
New York  
City

Makers of  
Sal Hepatica



ON TO CLEVELAND! SEPTEMBER 10th-14th



## EVERY CLOUD A SILVER LINING EVERY PLATE A ROSCINIAN LINING

**T**HE Roscinian Linings are Metallic Linings of 24K gold or aluminum to be used on all new rubber dentures, counteracting the deleterious effects of the vegetable product caoutchouc, on the palatal tissues contacting with a denture in the oral cavity; especially valuable in preventing heated, spongy gums; producing and sustaining a strictly *oral hygiene*. The mechanical effect is really beautiful and your professional suggestion is gladly paid for.

The Roscinian Gold Lining XX (Our Standard)	\$5.00	{ Sufficient for One Upper Denture Sufficient for Four Upper Dentures
The Roscinian Felt Aluminum Lining	2.00	

**Q** Buy from your dealer or remit direct. Samples, literature and directions awaiting your request. Directions simple.

### INSTRUCT YOUR LABORATORY

**Q** If necessary, send your lining cases to our laboratory for the Roscinian Linings to be put on, where your denture will be made and finished, representative of the highest art in this branch of prosthetic dentistry.

## THE ROSCINIAN COMPANY

Metallurgists and Manufacturers  
of Metallic Linings

8003 Woodland Avenue, S. E.  
Cleveland, Ohio, U. S. A.

*Manufacturers to the Nobility of the Profession*

# California Exams

California does not reciprocate or interchange licenses with other states. At the same time, the California State Board Examiners have often said that they welcome conscientious, capable men. Perhaps more than anyone else, the Examiners realize that the dental profession in California has not kept pace with the census.

## And how you can help yourself to pass them

### Faculty

D. B. Baird, D.D.S.  
M. T. McNeil, D.D.S.  
H. C. Peisch, D.D.S.  
R. H. Riethmuller,  
D.D.S., Ph. D.  
A. E. Smith, D.D.S., M.D.  
L. B. Stookey, A.M., Ph.D.  
J. E. Taylor, D.D.S.  
M. G. Varian, A.B., M.D.  
F. R. Webb, A.B., M.D.

It was to assist the incoming dentist to avail himself of these opportunities, quickly and easily, that the California Dental Quiz and Post-Graduate Course was organized. Your card or a postal will bring detailed information as to its purpose and the way in which it was conducted. Opening session April 23, 1923.

**A. HALDEN JONES, A. M., M. D.,**

222 Bradbury Building,

LOS ANGELES, CALIFORNIA

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# Worth Imitating

but these new features are protected by application for patents; design and mechanical.



American Cabinet No. 125

The one-piece white glass, sanitary, stainless medicine closets are unique, and original.

The steel drawer bodies with solid oak or mahogany fronts are also an innovation.

**The American Cabinet Co.**

**Two Rivers, Wis.**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

## Why Dental Colleges are putting this sterilizer on the "required" list.

If you have ever grown impatient waiting for a sterilizer to "heat up" you will appreciate the Flaherty Molten Metal Sterilizer.

In sterilizing equipment, speed and efficiency do not often go hand in hand. In the Flaherty, they do. The Flaherty is ready in from 2 to 4 minutes; it can be kept running all day at tiny cost!

It affords absolute sterilization in from 5 to 10 seconds.

Dental Colleges are putting the Flaherty sterilizer on the "required list"—some of them for the fourth successive year—because it offers the one simple means of maintaining a perfect surgical asepsis in root-canal operations. If the Flaherty takes care of their requirements it will take care of yours equally well.

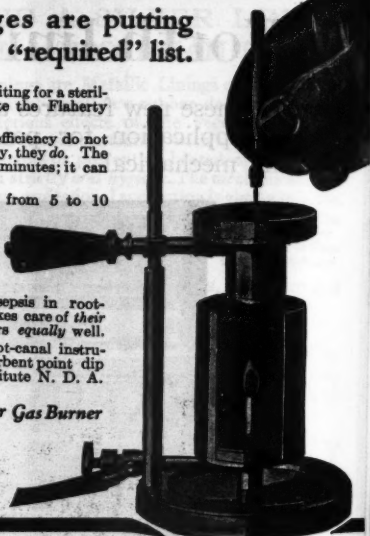
**How It Works.** To sterilize any root-canal instrument, cotton-wound broach or absorbent point dip into molten metal. Research Institute N. D. A. and other tests prove efficiency.

**Price \$10.00. Specify Alcohol or Gas Burner**

Order from your dealer or

**The Flaherty Mfg. Co.**

West Bend, Wisconsin



### The Reynolds Rib-Anchor Attachment

is a combination pin and anchor plate for use with removable porcelain facings. This makes it unnecessary to carry a stock of various sizes of backings. To prepare the backing you simply cut a slot in a piece of 30 gauge sheet metal, large enough to receive the rib of the attachment. This is easily done with a rubber carborundum separating disc. The sheets are then trimmed to any size or shape that occasion demands. The two are then fastened together with sticky wax, (they become soldered together when the bridge is soldered).

We manufacture a Backing Plate which with the Rib-Anchor Attachment makes a complete backing in two pieces, both die-cut and fit together so perfectly that no wax is required to hold them together.

Rib-Anchor Attachments (Platine)  
per dozen..... \$2.00  
Rib-Anchor Attachments (Gold) doz. \$4.00

Backing Plates (Platine) per dozen.. \$2.00  
Backing Plates (Gold) each Large... .65  
Medium..... 60c, Small..... .50

### BACKING PLATES

Write for samples. Order direct.  
Discount to dealers.

LARGE

MEDIUM

SMALL

**Western Metal Co.**  
Bloomington, Ill.



EXACT SIZE

ON TO CLEVELAND! SEPTEMBER 10th-14th

# KEEP UP with the TIMES

*attend the*

**Manufacturers' and Dealers'**

## EXHIBIT

*In connection with the*

**American Dental Association**

**Cleveland—September 10th-14th**

*See the largest exhibition ever given of*

**New Inventions**

**New Instruments**

**New Apparatus**

**of every description in the Exhibit Hall  
of the New Auditorium.**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# Mynol Articulating Paper

An exceedingly sensitive paper, clean and non-smudging, showing every point of articulation clearly and accurately under the slightest pressure with the teeth WET or DRY.



## Mynol Articulating Paper

is not ordinary carbon paper. It is made expressly for dental purposes and is the best produced.

It's the old-fashioned kind such as dentists have enjoyed using for years.

It improves with age.

So the older it is, the better it is.

(Box contains 12 Books - - \$2.00.)

**THE MYNOL CHEMICAL CO.**

Real Estate Trust Bldg.  
Philadelphia

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

## Holding the Mirror Up to Nature

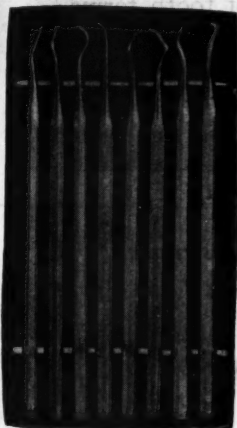
Your patient would as soon have you use bright green rubber for the gum shade on his plate as to use a pink that was off color.

Your plates must be as near Nature as possible—which means you must use a superior rubber.

### Eugene Doherty's New Improved Pink Rubbers

in light, medium light and deep shades, fully answer every possible requirement in the making of gum shades for plates. Not only do they make the most natural plates, but they are tough and durable to a remarkable degree.

**Eugene Doherty Rubber Works, Inc.**  
110-112 Kent Avenue, Brooklyn, N. Y., U. S. A.  
*Address all correspondence to Dept. B.*



## Immunity Steel IT ENDURES

The Hu-Friedy Group: Eight (8) Scalers selected and grouped as suggested by Oral Hygienists as a set of a few scalers for general prophylaxis. These Scalers are manufactured of "IMMUNITY STEEL" and are RUST AND ACID PROOF.

**Price per set \$12.00  
with DeLuxe Box**

Will send for 10 days inspection direct or thru your dealer.

Every conceivable instrument used by the dental profession is now manufactured of "IMMUNITY STEEL", and a full selection of instruments will be on display at the "National Convention of the American Dental Association" in Cleveland. We invite you to inspect our display.

*Request our Catalogue*

**The Hugo Friedman Mfg. Company**

"Immunity Steel" is identified only with "Hu-Friedy" Products

3660 Milwaukee Ave.

Chicago, Ill.

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# JUSTI

## P. M. FACINGS

**I**T is a fact that Justi pin facings used in **CROWN** and **BRIDGE** work when properly backed and soldered will be **STRONGER** and have **LESS BREAKAGE** than any other method of attachment.

**JUSTI PIN FACINGS** have attained this reputation due to **STRENGTH** of **PORCELAIN**—**DENSITY**—**SHADES**—**NATURAL APPEARANCE** of tooth forms—**NO CHANGING** of **COLORS** or **CHECKING** in soldering.

The **PINS** are of "Precious metal" (**Palladium** and **Pure Gold**) and are of **MEDIUM** length and substantial thickness.

*Have you a backing instrument?*

*May we send you one "gratis"?*

**H. D. JUSTI & SON**

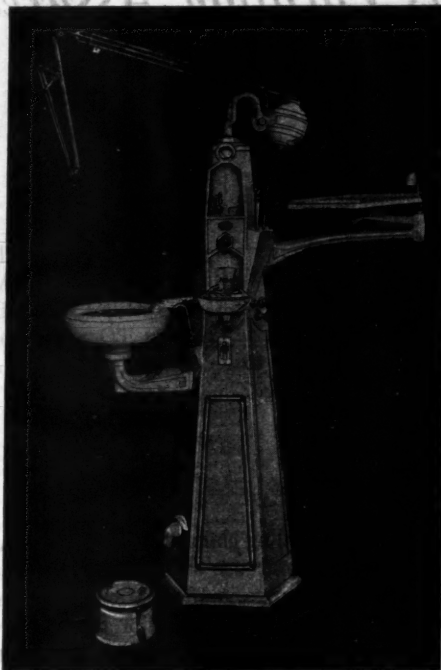
**1301 Arch Street  
Philadelphia**

**Branch  
159 N. State Street  
Chicago**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**



## MONTANA SPEAKS AGAIN



### Clark Unit Pedestal

Shelby, the scene of the fistic classic, has been on the tongue of millions. Now the town of Havre, Montana, close by, tells us through Dr. S. D. Dalrymple that it likes the Clark Unit Pedestal. Here is the report:—

"I must say that the Clark, as far as I have used it, is a very handy Unit. Its beauty and truly sanitary features favorably impress my patients. Several Dentists have looked at it. We all are of the opinion that it is the last word."

DR. S. D. DALRYMPLE, Havre, Mont.

**A. C. CLARK & COMPANY**

335 E. 76th St.

CHICAGO, ILLINOIS

ON TO CLEVELAND! SEPTEMBER 10th-14th

# *His Vacation Assured. Is Yours?*

The Medical Protective Co.,  
Ft. Wayne, Ind.

Dear Sirs:

"A woman came into my office this morning JUST AS MY WIFE AND MYSELF WERE GETTING READY TO LEAVE ON A SIX WEEKS' VACATION AND DEMANDED \$600.00 OF ME OR THREATENED TO SUE FOR MALPRACTICE. Will I have to give up this vacation or do you think it will be alright to go?"

Very truly yours,

And we answer:

Dear Doctor:

"Concerning your pending claim. You have furnished such data as is necessary for our use at this time and there is no reason why you should forego your vacation. We understand that you expect to be gone for a period of about six weeks and we assure you that we will, during the interim, protect your interests."

*For Medical Protective Service*

*have*

*A Medical Protective Contract.*

**THE MEDICAL PROTECTIVE COMPANY**

*of*

**FORT WAYNE, INDIANA**

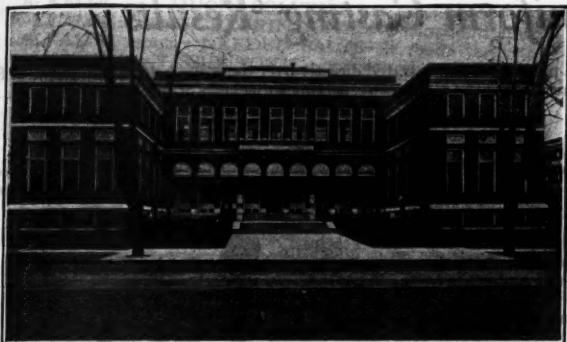
*Professional Protection Exclusively.*

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# Rochester Dental Dispensary

School for Dental Hygienists

Founded by George Eastman



**R**EGISTERED by the Regents of the University of the State of New York, this school prepares young women to do prophylactic work in schools, public institutions and in dental offices. The dispensary is provided with every facility of the most modern type to teach young women in this important work. Practical instruction is given in children's work in the dispensary and public schools and adult practice in the plants of the Eastman Kodak Company. This is in no sense a dental school and does not prepare young women to practice dentistry nor to be assistants, other than for the doing of prophylactic work.

The requirement for admission is an oral hygiene student qualifying certificate issued by the Regents of the University of the

State of New York. Preference will be given to those with full high school education. The number of students that can be taken is limited, and early application should be made. Students will be enrolled in the order in which applications are received.

There is a great demand for dental hygienists for service in dental offices, schools and public institutions. Only those will be recommended who give evidence during the school year of a proper appreciation of the work that the dental hygienist will be called upon to do. It is hoped that the dental profession will be interested to the extent of recommending as students, only such young women as are fitted by character and education for this important work.

**THE SEVENTH ANNUAL SESSION BEGINS MONDAY,**

**SEPTEMBER 17th, 1923 AND ENDS IN JUNE 1924.**

**FEES—TUITION \$130.00**

*For catalogue or other information apply to*  
**HARVEY J. BURKHART, D.D.S., Director**  
**ROCHESTER, N.Y.**



## THE CAMPHO-PHENIQUE PRODUCT

**CAMPHO-PHENIQUE** [liquid] is to be found at the hand of every skilled surgeon in all delicate or important operations, as its powerful antiseptic and germicidal properties help greatly to insure success. It exerts a healing influence that imparts a stimulus to the tissues calculated to induce more rapid granulation.

In the minor surgical operations and as an external application for wounds, burns, scalds, sores, ulcers, boils, felons, chancre, it is universally used by both surgeons and physicians. It is constantly needed in the office of every practitioner.

If not obtainable at the Drug Stores, order direct. We will send to any Physician, Surgeon or Dentist anywhere in the United States, postpaid, on receipt of price.

**CAMPHO-PHENIQUE LIQUID, 4-oz. size.....\$1.20**

**CAMPHO-PHENIQUE LIQUID, small size..... .30**

**CAMPHO-PHENIQUE POWDER, in sifter top cans..... .75**

**CAMPHO-PHENIQUE OINTMENT, 4-oz. cans..... 1.20**

Samples mailed on request.

**Address: CAMPHO-PHENIQUE CO. St. Louis, Mo.**

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

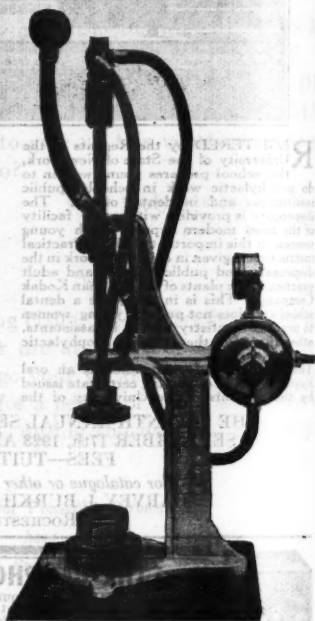
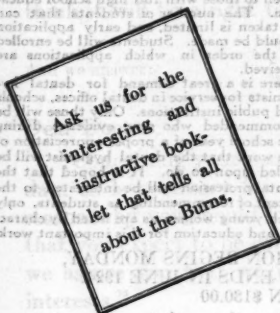
# Uniform Pressure Produces Uniform Casting Results

When pressure is concentrated directly over the sprue hole—the mold often fills with air, forcing the metal away, leaving sprue holes of gates uncovered.

## The Burns Overcomes This—

The plunger of the Burns is fitted with an air-deflecting thimble. This, in conjunction with the cushion chamber in the plunger cap, distributes an *equalized air pressure* over the entire area of the top of the flask.

This positive, *uniform pressure* helps the Burns produce *uniform results* that have won preference by the U. S. Government, practically every dental college and a host of private practitioners.



**Burns Dental Casting  
Machine Co., Inc.**

**Factory 88 State Street**

**Flushing, New York City**

**No. 1 Machine**

**For laboratories in buildings supply-  
ing compressed air.**

**Sold by dealers.**

**We also make a No. 2 Machine for  
laboratories in buildings not supply-  
ing compressed air. This is equipped  
with pump.**

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## *Dissolves Dental Difficulties*

ALKALOL is a MUCIN SOLVENT par excellence.  
 ALKALOL is rich in CHLORIN CONTENT hence antiseptic.  
 ALKALOL supplies NEEDED SALTS—it feeds the cells.  
 ALKALOL is a TISSUE TONIC—opposes relaxation.  
 ALKALOL acts as a DECONGESTIVE—REMOVES con-  
 gestion.

ALKALOL exerts DEODORANT properties—sweetens the  
 breath.

Consequently the dentist who consults the best interests of  
 his patients prescribes ALKALOL and employs ALKALOL  
 at the chair, after extraction, during operation, to preserve  
 mouth comfort and to carry out the principles of ORAL  
 HYGIENE.

There is but one ALKALOL, although there are many so-  
 called "antiseptics" or mouth washes.

IN PROOF OF WHICH—TEST ALKALOL.

*Sample, literature on request.*

**The Alkalol Company**

**Taunton,**

**Mass.**

## *In FAIRNESS to your Patients—*

as well as your own ability you should use the best  
 broaches obtainable.

Such broaches bear the name of

**DONALDSON**

The clean-cut, pronounced barbs of Donaldson  
 Instruments reduce to a minimum the tedious opera-  
 tions of pulp and canal cleansing.

Thirty years experience has taught Donaldson how  
 to make real instruments to be sold at moderate  
 prices.

Your dealer has them

**DONALDSON DENTAL MFG. COMPANY**

1904 M Street, N. W.

**WASHINGTON, D. C.**

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**Here**

*is what you want*

There are cases where you will require a very solid protection over the pulp in deep cavities—something stronger even than cement.

These **MEDICATED SILVER PULP CAPS** are the strongest protection you can give to a pulp; you can use them anywhere.

Look at their shape; and here is their actual size:



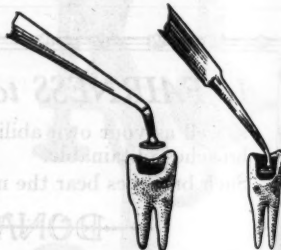
*Each cap is filled with an extremely adhesive paste which fuses at about 110° F. and hardens immediately at body temperature.*

Ten caps—two of each—in a package



**Here**

*is how it is done*



Select proper size cap. Pick up with pliers by little lug in back of cap. Place in desired position. Warm a small amalgam burnisher and press lug gently to place. The warmth of burnisher will fuse the material in cap, making a moisture proof, germicidal capping over pulp, sealing silver cap to place and preventing pressure on pulp.

Manufactured by **KING'S SPECIALTY CO., Fort Wayne, Ind.**

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TRADE  
**BUFFDENTCO**  
MARK

## Constant Gentle Vibration



which effectually eliminates ALL bubbles and air cells from your investment, is necessary if you expect perfect results from your cast inlay work.

**"BUFFDENTCO"**  
No. 500 Mechanical Vibrator  
*"It shakes the bubbles out"*

And this kind of vibration can best be secured by mechanical means, such as we supply in our No. 500 Mechanical Vibrator.

This appliance is simple in construction, can be operated on any make of lathe, and can be adjusted for any degree of vibration. It is a time and temper saver, and its usefulness is not confined to inlay work alone. Try it when pouring models for vulcanite work.

The price is \$8.00 and we have a circular describing it in detail, which we hope you will ask for.

*Your Dental Dealer is agent  
for Buffalo Dental goods.*

**BUFFALO DENTAL MFG. CO.**

Buffalo. N. Y.

U. S. A.

Lock Box 979

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## Ward Off Post-Operative Pain

The quickest, surest and safest method of warding off post-operative pain is

### GIBB'S NUREMEDY

It contains no acetanilid, opiate or habit-forming drugs.

*Sold by Dental Dealers or Direct.*

100 Tablets.	-	\$ .75
500 Tablets.	-	2.90
1,000 Tablets.	-	4.75

**CENTRAL LABORATORIES CO.**

4210 OLIVE STREET, ST. LOUIS, MO.

*Write for samples.*

## Pentz Super-Steam Sterilizers

Pentz Sterilizers are very efficient as wax eliminators and may be used for several other purposes beside rapid sterilizing. Booklet explains. Consult your dealer, or write us for prices on sterilizers, stands, cabinets, etc. **SANTISEPTIC MFG. CO., Inc., Staten Island, N. Y.**



**Auto-Clavette  
Type, A. W. P.**  
Made with White  
Porcelain Enamel  
Jacket.

## Dr. Kidder's Sectional Impression Trays

always give perfect partial impressions. And for perfect amalgam and porcelain inlays and fillings use

**Kidder's Matrix Strips**  
with the enlarged cervical edge.

Your dealer or **W. N. KIDDER**  
433 Westminister St., Providence, R. I.

## No Dental Office Complete Without

### HOLG. — Minute Plate Repair

**PERMANENT**

REQUIRES NO  
VULCANIZING  
ALWAYS  
READY FOR USE



### STRONG AND DURABLE

For replacing one or more teeth on vulcanite plates instantly without re-vulcanizing; a material that lasts the life of the plate; repairs made while patient waits. Used for many years with satisfactory results. No danger of plate being

distorted, as is frequently the case when vulcanized.

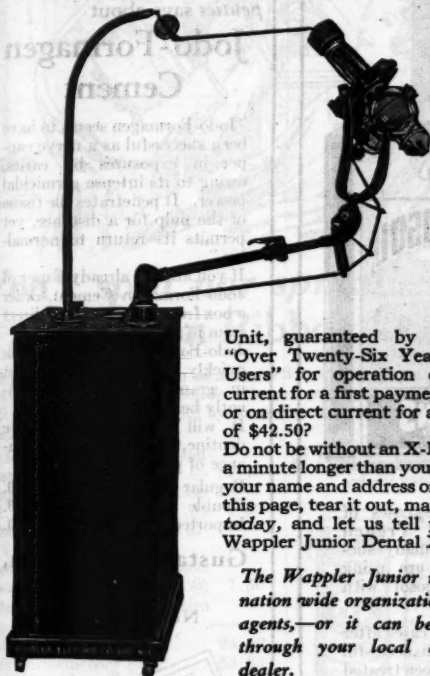
Order through your dealer, or will send direct upon receipt of \$3.00 check.

**MODERN DENTAL SPECIALTIES CO.**  
5 So. Wabash Ave., Chicago, Ill.

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# Diagnosis!

## Are You Interested?



Of course you are! But did you ever think how impossible it is to make a real diagnosis without the aid of the X-Ray? And do you know that you can install a modern Coolidge Tube equipped X-Ray

Unit, guaranteed by Wappler with "Over Twenty-Six Years of Satisfied Users" for operation on alternating current for a first payment of only \$35., or on direct current for a first payment of \$42.50?

Do not be without an X-Ray equipment a minute longer than you have to. Write your name and address on the margin of this page, tear it out, mail it to us now, today, and let us tell you about the Wappler Junior Dental X-Ray Unit.

*The Wappler Junior is sold by our nation wide organization of exclusive agents,—or it can be purchased through your local dental supply dealer.*

**SEE US AT THE AMERICAN DENTAL ASSOCIATION MEETING IN CLEVELAND,—SPACE No. 175, NEAR THE MAIN ENTRANCE. THE WAPPLER JUNIOR WILL BE ON DISPLAY AND WE SHOULD BE VERY GLAD, INDEED, TO TELL YOU ALL ABOUT IT AND HOW EASILY IT CAN BE PURCHASED.**

**WAPPLER ELECTRIC COMPANY, Inc.**  
**LONG ISLAND CITY N. Y., U. S. A.**

*Show Rooms: 173 East 87th St., New York City*

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## Trench Mouth Disease



For troublesome cases of Pyorrhea and Trench Mouth Disease many successful dentists are using Stearns' Astringosol with great success.

Severe Pyorrhea cases after two years of unsuccessful treatment have been treated by dentists with Astringosol and discharged as cured. Later examination showed no recurrence.

Also useful in the treatment of receding, inflamed, soft, spongy or bleeding gums.

Manufactured by  
**Frederick Stearns & Co.**  
Manufacturing Pharmacists  
Established 1855  
Detroit Michigan

## Successful As a Nerve Capper

Here is what *Burchard & Inglis' Pathology and Therapeutics* says about

## Jodo-Formagen Cement

"Jodo-Formagen seems to have been successful as a nerve capper in exposures by caries, owing to its intense germicidal power. It penetrates the tissue of the pulp for a distance, yet permits its return to normality."

If you are not already a user of Jodo-Formagen Cement, order a box from your dealer or direct from us.

Jodo-Formagen will arrest pain quickly, dry up secretion, assist in granulation and permanently heal.

It will quiet hyper-sensitive dentine, allowing the performance of painless operation.

Regular size package, \$2.00.  
Double size package, \$3.00.  
Imported package, \$2.50.

**Gustav Scharmann,**

181 Broadway  
New York City



Literature  
on Request

ON TO CLEVELAND! SEPTEMBER 10th-14th



## Won't split nor spread— Champion Ribbon Dental Floss

You know how annoying it is to use a dental floss that splits and spreads—but you can't expect anything else from a ribbon floss that has only laid filaments of silk. Use Champion Ribbon Dental Floss braided by our patented process which prevents splitting and spreading.

1 jar 150-yd. Round Champion Cutter Floss.....@ \$1.40

1 jar Champion Traction Cord.....@ 1.50

(State whether you desire 0, 1, 2 or 3)

1 metal container Champion Ribbon Floss.....@ 1.50

(State whether you desire No. 14, 21 or 28)

Total regular price.....\$4.40

Special introductory price.....\$3.65

*Sign and mail the coupon*

## SPECIAL OFFER

\$4.40 assortment \$3.65



## CHAMPION DENTAL SILKS

### Champion Cutter Round Floss

The standard of the dental profession for over half a century. Sold in 150-yard sizes and fourteen other containers—vials, spools and domes.

### Champion Traction Cord

Straightens teeth with gradual and painless pull. The knots in this remarkably twisted silk swell with the absorption of saliva over a period of many hours, resulting in effective separation of the teeth for filling. Made in "Q" (fine), No. 1 and No. 2 (medium) and No. 3 (coarse).

### Champion Ribbon Floss

*For prophylactic work*

Champion Ribbon Floss is braided, hence the tape or ribbon does not spread. This is a patented feature as other ribbon flosses have merely laid filaments which destroy

the efficacy of the ribbon as the filaments spread and split. Made in No. 14 (fine), No. 21 (medium) and No. 28 (wide).

### Gudebrod Bros. Silk Co.

603 Chestnut St., Philadelphia, Pa.

Please send me the following \$4.40 assortment of Champion Dental Silks at special introductory price of \$3.65: One 150-yd. jar Cutter Round Floss; one jar No. 1 Traction Cord and one metal container No. 1 Ribbon Floss.

Name.....

Address.....

Dealer's Name.....

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

# Oral Hygiene Bulletin

ORAL HYGIENE is mailed monthly to every dentist whose name can be secured. The circulation guarantee is a minimum of 45,000 copies per issue. The present circulation exceeds a monthly average of 53,000 copies.

The page is restricted to help and positions wanted, practices wanted and practices for sale. The rate is 10c per word, initials and figures each counting as a word, each initial and figure of the address also counting as a word, as well as the heading.

Copy must be in the hands of publisher by first day of month preceding date of publication. Cash must accompany all orders.—ORAL HYGIENE, PITTSBURGH, PA.

**FOR SALE**—Dental rubber factory, also eight room modern house with dental office and established high class practice. Just the thing for a dentist who wants a lucrative business besides his practice. Owner must give up on account of serious sickness. Dental rubber factory has been established 20 years. The whole will be sold cheap. Factory can be bought separate from house and practice. Write for price, terms and details. Hygienic Rubber Works, Muskegon, Michigan.

**FOR SALE**—Best location in Denver, Colorado, two-chair white enameled dental office; practice between seven and eight thousand a year. Quick sale, two thousand dollars. Leaving Denver. Dr. Calvert, 206 Charles Bldg., Denver, Colorado.

**DENTIST**—Three rooms and bath suitable for dentist's office, beautifully located in Brooklyn's most ideal section, near elevated structure. Inquire Dr. R. H. Mantel.

**DENTISTS** from local and distant states send their relatives, friends and employees here for training because they know they will return well grounded in the fundamentals of mechanical dentistry and be found able to go to work in the laboratory. Board and lodging arranged for in advance. General Course or Post Graduate Course. Send for Catalog D. West Side YMCA School of Mechanical Dentistry, 318 West 57th Street, New York, N. Y.

**FOR SALE**—Dental office in East Liberty, Pittsburgh, Penna. Modern equipment, including Heidbrink Anesthetizer. For further information write "W" ORAL HYGIENE, Pittsburgh.

**FOR SALE**—Two-chair office with four years lease, excellent location. Going to specialize in new location October first. George W. Brace, 1047 Fifth Street, San Diego, California.

Associate wanted in ethical general practice in Jenkins Arcade Building, Pittsburgh. "C" ORAL HYGIENE, Pittsburgh, Pa.

**DENTIST WANTED**—Operator registered. In Loop or suburban office. C. H. Lietzman, 135 S. State Street, Chicago, Ill.

**FOR SALE**—Dental practice and equipment in good North Dakota town; large territory to draw from. Address "D" c-o ORAL HYGIENE, Pittsburgh, Pa.

**FOR SALE**—Office completely equipped, doing six thousand dollar practice, northern Kentucky. Apply to Dr. W. L. Schell, 6th & Clay, Dayton, Kentucky.

**FOR SALE**—Well advertised dental office in Ohio town of twenty-five thousand, drawing population of fifty thousand more. Two chairs, modern equipment. Bargain for cash. Reason for selling: ill health. "X" ORAL HYGIENE, Pittsburgh, Pa.

**WANTED**—Colored dentist registered in Pennsylvania. Good opportunity for right man. "Z" ORAL HYGIENE, Pittsburgh, Pa.

**FOR SALE**—Only practice, office equipment and eight room dwelling in western Kentucky County seat. Cheap. Health reason for selling. "A" ORAL HYGIENE, Pittsburgh, Pa.

**QUICK COLLECTIONS**—Send us your accounts today and get "Quick Results." Collections made everywhere. Wm. H. Dodd, 87 Nassau Street, New York. Established 30 years, one address. Positions for experienced dentists of good character and habits, registered in Pennsylvania. Good salary and commission. Address 501 Market Street, Pittsburgh, Pa.

**FOR SALE**—Laboratory in Peoria, Illinois. Splendid business for good mechanic. \$2000 cash will swing it. Going west first of September. Kraus Dental Laboratory.

**COLLECTIONS**—Dental accounts only. Anywhere U. S.; no collection—no charge. Debtors located. References: Continental & Commercial Bank, Chicago. Edward E. Collins, Hartford Building, Chicago.

Location for a capable dentist with an established physician—office fully equipped with modern equipment. Address Dr. W. F. O'Malley, Webster Groves, Mo.

# DEE SOLDERS ARE WELL WORTHY OF YOUR ADOPTION

You'll Never Know Real Solder Satisfaction  
Until You Say "DEE'S" To Your Dealer.

Thomas J.

## DEE & CO.

Refiners and Manufacturers

**GOLD—SILVER—PLATINUM**

**CHICAGO**

Purchasing and Sales Dept.  
5 So. Wabash Ave.

Refining and Manufacturing Plant  
317-319 E. Ontario St.

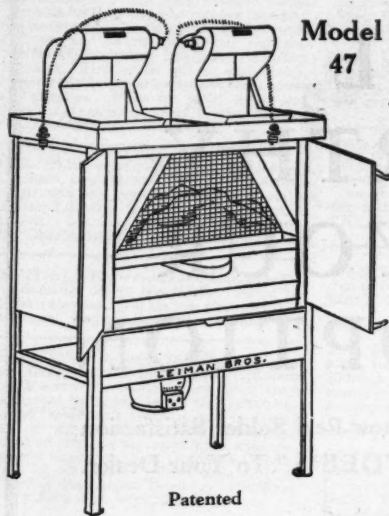
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# A Sweet Clean Laboratory

made possible even where polishing work is done—and more income created where there is now a loss. Polishing dust is laden with valuable metallic particles which can be saved by collecting and refining—or which can be allowed to cover every object

and person and represent a monetary loss. Or this dust can enter the lungs and cause disease or enter a dust collecting machine and make your laboratory a most pleasant and attractive place to work in.



**Model  
47**

For 110 or 220 volts, D. C. or  
A. C. 60 cycles, single phase.

**SPECIFY WHICH!**

**Patented**

**Leiman Bros.  
Silent  
Powerful**

## POLISHING DUST COLLECTOR

baked on  
white enamel  
finish

will open your eye to new possibilities for improvement. It occupies only 18 x 28 inches floor space and runs from any electric light socket. You place your present electric polishing motor on the table between the suction hoods, which are adjustable to fit.

**ORDER NOW, TO-DAY!**

60-62 Lispenard St.

**LEIMAN BROS.**

**NEW YORK**

*Makers of good machinery for 35 years*

**ON TO CLEVELAND! SEPTEMBER 10th-14th**

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# NOVOCAIN

(Procaïn-Metz)

## *The Frequent Users' Economy Packages*



The New Style  
hermetically sealed  
bottles of 100

N. S. Tablets "E" and "T"

\$1.20 per bottle.

Box of 10 bottles \$10.00

For two percent. solution, dissolve one N. S. tablet "E" or one N. S. tablet "T" in one cc. Ringer solution.

The N. S. tablet "E" is preferable for mandibular injections and for anesthesia when pronounced ischemia is desired.

The N. S. Tablet "T" is preferred for anesthesia in non-surgical procedures and in patients suffering from anemia, arteriosclerosis and cardiac disorders and also in the very young and in the aged.



**HAMETZ LABORATORIES, Inc.**  
One-Twenty-Two Hudson Street, New York.

Manufacturers of NOVOCAIN—"The Dependable Original"

ON TO CLEVELAND! SEPTEMBER 10th-14th



STEELE'S on bridgework  
are without doubt insurance  
against future loss of time.

STEELE'S mean the practical  
application of interchangeable  
teeth to all types of crown  
and bridgework.

Let us put you right on the  
Correct **TECHNIC**

THE COLUMBUS DENTAL MANUFACTURING CO  
COLUMBUS, OHIO, U. S. A.

ON TO CLEVELAND! SEPTEMBER 10th-14th

James McMillin Printing Co.  
Pittsburgh, Pa.

# TINKER GOLDS

The signature of E. T. TINKER is stamped on every piece



Tinker gold No. 1 for full and three-quarter jacket crowns. Contains a sufficient amount of platinum to give the necessary rigidity but not too hard so as to cause a springing away from the cement joint during the stress of mastication.

(Two dwts. ingots) Melts at 1940° F.

Tinker gold No. 2 for lower incisors and upper three-quarter crowns when a close bite is required in the thinnest type of attachment. A harder metal than No. 1, containing considerably more platinum, though so alloyed that it has a gold color.

(Two dwts. ingots) Melts at 1965° F.

Tinker gold No. 3 for cast clasp attachments, over-arch bars, etc. Unusually tough, springy and strong, a very high platinum group combination, makes casts uniformly smooth and clean, metal retains its elasticity, toughness and spring after casting.

(Two dwts. ingots) Melts at 1980° F.

Tinker gold No. 4 (gold color) for saddles, over-arch and lingual bars, horse shoe plates, partial and full plates. It is unusually springy and strong, melts with the ordinary blow pipe, retains its spring and toughness after casting, casts clean without pitting, is very dense.

(Two dwts. ingots) Melts at 1775° F.



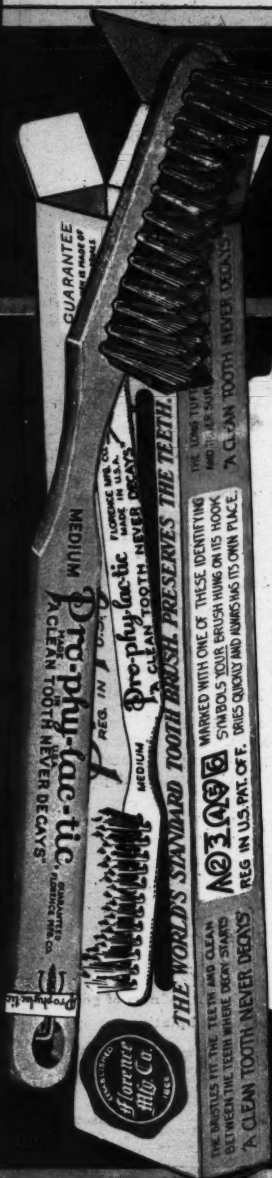
## SPYCO

Smelting & Refining Co.

Purchasers and refiners of gold,  
silver and platinum

Minneapolis,

Minnesota.



## THIS BRUSH fits all the teeth

The tooth brush that cleans all the teeth except three or four is shirking its duty.

Pro-phy-lac-tic Tooth Brushes are designed to do a thorough job of cleaning every tooth.

The tufted bristles and the curved handle enable you to clean in between the teeth and easily reach the inside surfaces and the backs of the back teeth.

Pro-phy-lac-tic Tooth Brushes are made in three sizes—adults', youths', and children's; and in three bristle textures—hard, medium and soft. Every brush sold in a sanitary yellow box and guaranteed—replaced if not satisfactory.

Dentists: Write for a supply of interesting booklets on the "Care of the Teeth," imprinted with your name and a free sample set of brushes for demonstration purposes.

**FLORENCE MANUFACTURING COMPANY**

Florence, Mass.

Sold by all dealers in the  
United States and Canada

Brush Your  
Upper Teeth **|||**  
Downward  
*and*  
**|||** Your Lower  
Teeth Upward